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COLUMBUS AFB, MISSISSIPPI. REVISED UNIFORM SUMMARY OF SURFACE W--ETC(U)
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Air Weather Service (MAC)**

**REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS**

**COLUMBUS AFB MS MSC 723306
N 33 39 W 088 27 FLD ELEV 219 FT GCM**

**PARTS A - F
FOR FROM HOURLY OBS: SEP 69 - DEC 70, JAN 73 - AUG 81**

**FOR FROM DAILY OBS: MAR 42 - FEB 46, APR 46 - MAY 46,
NOV 58 - AUG 81**

TIME CONVERSION GMT TO LST: -6

FEB 16 1982

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REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM															
1. REPORT NUMBER JSAFETAC/DS- 82/015	2. GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER															
4. TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Columbus AFB, Mississippi		5. TYPE OF REPORT & PERIOD COVERED Final rept.															
7. AUTHOR(s)		6. PERFORMING ORG. REPORT NUMBER															
9. PERFORMING ORGANIZATION NAME AND ADDRESS USAFETAC/OL-A Air Force Environmental Technical Appl. Center Scott AFB IL 62225		8. CONTRACT OR GRANT NUMBER(s)															
11. CONTROLLING OFFICE NAME AND ADDRESS USAFETAC/CBD Air Weather Service (MAC) Scott AFB IL 62225		10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS															
14. MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office)		12. REPORT DATE 16 FEB 82															
		13. NUMBER OF PAGES 400															
		15. SECURITY CLASS. (of this report) UNCLASSIFIED															
		15a. DECLASSIFICATION DOWNGRADING SCHEDULE															
16. DISTRIBUTION STATEMENT (of this Report) Approved for public release; distribution unlimited.																	
17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)																	
18. SUPPLEMENTARY NOTES																	
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) <table border="0"> <tr> <td>*RUSSWO</td> <td>Daily temperatures</td> <td>Atmospheric pressure</td> </tr> <tr> <td>Snowfall</td> <td>Extreme snow depth</td> <td>Extreme surface winds</td> </tr> <tr> <td>Climatology</td> <td>Sea-level pressure</td> <td>Psychrometric summary</td> </tr> <tr> <td>Surface Winds</td> <td>Extreme temperature</td> <td>Ceiling versus visibility</td> </tr> <tr> <td>Relative Humidity</td> <td>*Climatological data</td> <td>(over)</td> </tr> </table>			*RUSSWO	Daily temperatures	Atmospheric pressure	Snowfall	Extreme snow depth	Extreme surface winds	Climatology	Sea-level pressure	Psychrometric summary	Surface Winds	Extreme temperature	Ceiling versus visibility	Relative Humidity	*Climatological data	(over)
*RUSSWO	Daily temperatures	Atmospheric pressure															
Snowfall	Extreme snow depth	Extreme surface winds															
Climatology	Sea-level pressure	Psychrometric summary															
Surface Winds	Extreme temperature	Ceiling versus visibility															
Relative Humidity	*Climatological data	(over)															
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This report is a six-part statistical summary of surface weather observations for Columbus AFB, Mississippi It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)																	

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19. Percentage frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

Mississippi

Columbus AFB

20. and dew point temperatures and relative humidity); and (F) Pressure
Summary (means, standard, deviations, and observation counts of
station pressure and sea-level pressure). Data in this report are
presented in tabular form, in most cases in percentage frequency of
occurrence or cumulative percentage frequency of occurring tables.

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The number that identifies the station in this summary is an AWS Master Station Catalog number. This number is comprised of the WHO number with the addition of a suffix zero; or, in cases where there is no designated WHO number, a 5-digit number created in agreement with WHO rules, plus a sixth qualifying digit. These numbers (also referred to as DATSAV or USAFETAC numbers) uniquely identify each of more than 15,000 reporting stations around the world. This is the provenance of the number (e.g., MSC 999999) which will appear on future OL-A standard products.

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those records or records-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into summary of the day observations (records-special, records-special, summary of the day, remarks, etc.).

DESCRIPTION OF SUMMARIES

Each section is a brief description of the data comprising each part of the revised uniform summary of surface weather observations in the manner of presentation. The sections are prepared from hourly and daily observations recorded by stations operating the revised uniform summary of surface weather observations.

The following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV (DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0300, 0300-0600, 0600-0900, 0900-1200, 1200-1500, 1500-1800, 1800-2100, 2100-2400 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY _____

APRIL _____

JULY _____

OCTOBER _____

FEBRUARY _____

MAY _____

AUGUST _____

NOVEMBER _____

MARCH _____

JUNE _____

SEPTEMBER _____

DECEMBER _____

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV. (FT.)	CALL SIGN	WMO NUMBER
723306	Columbus AFB MISSISSIPPI	N 33 39	W 088 27	219	CBM	

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	MT. BARD.	
1	Columbus Field, Columbus Miss.	AAF	Mar 42	Sep 44	N 33 38	W 088 27	195	211	24
2	Same	Same	Sep 44	Jun 46	Same	Same	198	Same	24
3	Columbus AFB, Miss.	AFB	Nov 58	Jul 71	Same	Same	204	224	24
4	Same	Same	Jul 71	Dec 74	N 33 39	Same	219	209	24
5	Same	Same	Jan 75	Nov 81	Same	Same	Same	Same	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Mar 42	Located on operations Bldg.	Anemometer	N/A	60 ft	
2	Oct 58	Located 2900 ft N of Wea Station	AN/GMQ-11	RO-2	13 ft	
3	Apr 60	Located SE of Rnwy 13-31 750 ft from centerline of Rnwy and 4550 ft from SE end.	Same	Same	15 ft	
4	Apr 64	Dual Instrumented 1. Located 600 ft E of centerline on S end of Rnwy 31. 2. Located 500 ft E. of centerline on N end of Rnwy 13.	AN/GMQ-11	RO-2	13 ft	
5	Apr 69	Dual Instrumented 1. Located 500 ft W of centerline 1000 ft NW of end of Rnwy 31.	AN/GMQ-20	RO-362	Same	

NUMBER OF STATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT. ABOVE GROUND	
6	Dec 74	2. Located 500 ft E of centerline on N end of Rwy 13.	Same		Same	
		1. Same	Same	Same	Same	
		2. Same	Same		Same	
7	Dec 79	1. Same	Same	Same	Same	
		2. Same	Same		Same	
	</					

U S AIR FORCE
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A

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

1. METEOROLOGICAL BRANCH
 2. METAC
 3. WEATHER SERVICE/MAC

WEATHER CONDITIONS

1. 3 STATION COLUMBUS AFB MS 70,77-91 01 MONTH
 STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN	0-23	.4	19.6	1.1	2.5		13.0	19.1	2.9			21.1	737
	03-23	.6	13.1	1.2	3.7		16.7	24.1	3.9			29.6	737
	06-23	1.2	13.7	1.3	3.5		15.3	30.5	7.1	.1		33.9	737
	09-11	1.2	12.5	1.1	3.3		16.2	19.8	4.2	.1		22.4	737
	12-14	.3	14.2	.3	2.2		15.1	13.7	1.8			14.3	737
	15-17	.2	13.2	.2	1.4		14.7	14.3	1.7			14.9	737
	18-20	.2	12.7	.5	1.7		14.5	14.3	2.2	.5		1.5	737
	21-23	.4	11.6	.4	1.2		13.1	15.1	1.4	.2		15.3	737
TOTALS		.6	12.5	.6	2.3		15.3	13.9	3.2	.1		2.7	7447

1. LOCAL CLIMATOLOGY BRANCH
 2. METAC
 3. WEATHER SERVICE/MAC

WEATHER CONDITIONS

3 STATION COLUMBUS AFB MS STATION NAME 7.73-51 YEARS FL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
10	10-12	.9	6.5		1.2		9.6	12.5	4.0		.5	16.2	46
	1-3	.8	7.2	.1	1.3		10.6	19.9	9.2		.7	25.9	46
	4-6	.6	8.6	.2	1.2		9.9	27.5	12.2		.7	34.3	46
	7-9	.2	5.5		1.5	.1	9.7	12.6	7.2		.7	19.1	46
	12-14	.2	6.0		.9	.1	8.9	6.6	4.0		.4	10.0	46
	15-17	.7	7.6		.6		3.2	5.8	3.1		.5	5.7	46
	18-20	2.1	6.2		.4	.1	6.5	8.5	5.1		.6	13.0	46
	21-23	.9	9.9		.6		10.4	11.1	4.4		.4	14.7	44
TOTALS		.9	6.6	.3	1.0	.0	9.5	13.1	6.2		.6	17.9	6767

AL CLIMATOLOGY BRANCH
 AFETAC
 WEATHER SERVICE/MAC

WEATHER CONDITIONS

37 COLUMBUS AFB MS 70,73-P1 4 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
01-01	00-01	4.3	11.0		.6		12.3	11.9	1.9		.3	13.3	437
02-01	01-02	2.7	12.0		.3		12.3	17.2	4.2	.1		1.0	437
03-01	02-03	2.4	11.9	.1			11.9	21.5	9.1			24.9	437
04-01	03-04	2.2	10.4		.2		13.5	10.5	4.7			14.5	437
05-01	04-05	2.4	9.7				9.7	7.4	1.4			.4	437
06-01	05-06	3.1	10.5		.1		10.5	3.9	1.3			5.1	437
07-01	06-07	3.2	12.3		.2		12.4	6.1	1.5		.2	7.6	437
08-01	07-08	3.9	13.4		.3	.1	13.7	3.6	1.0		.4	10.9	437
TOTALS		3.0	11.5	.3	.2	.0	11.7	10.9	3.1	.0	.1	13.1	7448

LOCAL CLIMATOLOGY BRANCH
AFETAC
WEATHER SERVICE/MAC

WEATHER CONDITIONS

STATION COLUMBUS AFB MS 70, 73-81 YEARS APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
APR	00-24	3.4	7.8				7.8	12.7	4.4			10.0	400
	03-06	3.1	6.9				6.9	21.9	6.9			20.0	700
	09-12	1.4	7.6				7.6	21.0	9.4			25.7	800
	15-18	2.3	9.0				9.0	9.4	4.2			10.3	900
	21-24	1.8	7.4				7.4	3.1	2.0			9.1	900
	00-03	2.8	6.6				6.6	2.9	1.2			4.1	900
	06-09	2.8	6.7				6.3	6.0	2.4			6.0	900
	12-15	3.2	9.1				9.1	7.4	2.6			9.1	900
TOTALS		2.6	8.1				8.1	10.1	4.4			12.9	7000

U.S. AIR FORCE
 WEATHER SERVICE /MAC

WEATHER CONDITIONS

3 COLUMBUS AFB MS 70,77-81 1960
 STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
MAY	00-02	3.6	8.1				8.1	13.4	12.2			26.4	619
	03-05	3.3	10.5				10.5	41.0	23.3			49.5	821
	06-08	2.3	8.4				8.4	32.2	24.4			46.2	625
	09-11	1.8	8.2				8.2	6.1	10.7			15.5	637
	12-14	3.0	7.4			.1	7.4	3.2	5.6			8.0	627
	15-17	5.6	7.7				7.7	2.5	3.8			6.2	924
	18-20	5.0	7.3				7.3	4.9	7.0			11.0	920
	21-23	3.5	7.4			.1	7.4	8.0	10.0			16.1	618
TOTALS		3.5	8.1			.0	8.1	14.5	11.8			22.4	7769

JOINT CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

WEATHER CONDITIONS

2-3 4 COLUMBUS AFB MS 70,73-81 000
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIR	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUN	00-02	1.7	2.8				2.8	15.1	15.9			28.2	100
	03-05	2.7	3.2				3.2	41.0	31.6			53.7	900
	06-08	1.4	3.1				3.1	28.6	31.6			46.2	900
	09-11	1.8	4.8				4.8	3.3	10.8			13.3	900
	12-14	4.8	3.4				3.4	.8	5.2			5.7	900
	15-17	6.0	4.0				4.0	.9	4.4			5.2	900
	18-21	5.6	5.3				5.3	1.8	8.3			8.2	900
	21-23	2.4	4.7				4.7	5.2	13.8			16.4	900
TOTALS		3.3	3.9				3.9	12.1	15.6			22.2	7200

AL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

3
STATION

COLUMBUS AFB MS

STATION NAME

75, 76-81

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUL	0-12	.5	2.2				2.2	18.8	29.7			39.6	930
	13-15	.3	3.1				3.1	43.1	41.6			64.7	930
	16-20	.6	4.4				4.4	37.2	44.3			50.1	930
	21-11	1.7	5.3				5.3	4.5	16.3			19.4	930
	12-14	4.7	5.5				5.5	2.3	6.6			8.4	930
	15-17	10.0	7.2				9.2	1.9	7.2			8.9	930
	18-20	7.4	8.2				8.2	3.8	12.5			15.3	930
	21-23	4.0	5.6				5.6	7.6	19.2			24.2	930
TOTALS		3.7	5.4				5.4	15.5	22.2			3.1	7440

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

12-13-81 STATION COLUMBUS AFB MS STATION NAME 70,73-81 YEARS AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02	.4	1.7				1.7	23.5	29.9			43.5	930
	03-05	.6	1.8				1.8	54.9	41.1			64.7	930
	06-08	.3	5.3				3.0	50.0	43.9			67.1	930
	09-11	.6	2.5				2.5	5.5	21.2			23.0	930
	12-14	6.7	5.3				5.3	1.9	8.4			9.8	930
	15-17	9.5	7.8				7.8	1.2	5.4			7.1	930
	18-20	5.3	6.1				6.1	4.0	14.2			17.4	927
	21-23	2.5	2.5				2.5	8.6	21.9			26.1	927
TOTALS		3.2	3.8				3.8	18.7	23.2			32.9	7434

AL CLIMATOLOGY BRANCH
 TAC
 WEATHER SERVICE/MAC

WEATHER CONDITIONS

12.3 : COLUMBUS AFB MS 69-70, 73-80 STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
01-02		.1	5.6				5.6	12.9	23.9			43.6	900
03-05		.1	6.1				6.1	52.0	32.6			64.7	900
06-08		.3	7.4				7.4	56.1	35.1			66.4	900
09-11		1.2	7.4				7.4	12.2	19.2			27.7	900
12-14		1.7	6.7				6.7	4.2	9.2			12.6	900
15-17		4.9	6.8				6.8	4.6	9.0			12.7	898
18-20		3.4	10.7				10.7	6.3	13.2			19.1	900
21-23		.8	6.0				6.0	15.6	18.2			26.2	900
TOTALS		1.6	7.4				7.4	23.3	20.2			34.7	7108

1. AL CLIMATOLOGY BRANCH
 2. PETAC
 3. WEATHER SERVICE/MAC

WEATHER CONDITIONS

4. 3. COLUMBUS AFB MS 69-70, 73-80 01. MONTH
 STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
01	01-02	.5	7.5				7.5	23.7	14.1			29.4	930
	03-05	.8	7.5				7.5	37.7	19.4			44.6	930
	06-08	.5	7.7				7.7	45.1	29.5			55.2	930
	09-11	.1	6.1				6.1	6.6	15.3			17.7	930
	12-14	.2	4.5				4.5	2.9	2.5			5.2	930
	15-17	1.2	5.3				5.3	3.2	2.4			5.2	930
	18-20	1.2	6.2				6.2	5.4	5.1			7.1	929
	21-23	.6	5.8				5.6	10.0	5.4			15.5	930
TOTALS		.6	6.3				6.3	17.1	11.5			22.7	7430

AL CLIMATOLOGY BRANCH
 DTAC
 WEATHER SERVICE/TAC

WEATHER CONDITIONS

STATION COLUMBUS AFB MS STATION NAME 69-70, 73-74 YEARS NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
01-02	10-02	1.0	8.3		.2		8.6	72.1	6.3			24.6	900
03-06		.7	18.2		.1		10.3	28.7	10.3			33.3	900
06-09		.8	8.9				8.9	35.1	15.7			41.6	900
09-11		.7	8.2		.1		8.2	13.2	6.3			19.8	900
12-14		.6	7.3		.1		7.4	6.6	2.7			8.7	900
15-17		1.1	7.9	.2	.3	.1	9.1	7.7	2.2			9.1	900
18-20		1.0	8.3		.2		8.6	10.1	3.2			12.4	900
21-23		1.0	7.3		.9		8.1	14.7	4.2			19.6	900
TOTALS		.9	8.3	.0	.2	.0	8.5	17.3	6.6			20.7	7200

AL CLIMATOLOGY BRANCH
 TAC
 WEATHER SERVICE/MAC

WEATHER CONDITIONS

3 COLUMBUS AFB MS 69-70, 73-67 80
 STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
01-01		.9	12.3	.1	.4		12.8	13.5	4.1		.3	16.2	930
07-01		1.1	13.0	.1	.5		14.4	16.4	7.0		.3	22.6	930
08-01		.4	9.9		.8		10.6	25.2	11.0		.1	30.5	930
09-11		.1	5.9		.4		9.4	12.5	6.3		.2	17.6	930
12-14		.1	6.7		.4		9.1	7.4	2.9			10.1	930
15-17		.5	8.8		.4		9.2	7.4	2.7			9.7	930
18-20		.6	10.6		.1		10.7	8.1	2.2		.3	10.0	927
21-23		.2	11.2				11.2	10.2	2.7		.3	12.6	927
TOTALS		.5	10.5	.0	.4		10.9	12.8	4.9		.2	16.2	7434

1. LOCAL CLIMATOLOGY BRANCH
 2. USAF
 3. WEATHER SERVICE/MAC

WEATHER CONDITIONS

12 3 4 COLUMBUS AFB MS 69-70, 73-81 ALL
 STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	.6	12.5	.2	2.3		15.3	16.9	3.2	.1		20.7	7440
FEB		.8	8.6	.0	1.0	.0	9.5	13.1	6.2		.6	17.9	6767
MAR		3.0	11.5	.0	.2	.0	11.7	10.9	3.1	.0	.1	13.1	7440
APR		2.6	6.1				6.1	10.1	4.4			12.9	7200
MAY		3.5	6.1			.0	8.1	14.5	11.8			22.4	7380
JUN		3.3	3.9				3.9	12.1	13.6			22.2	7200
JUL		3.7	5.4				5.4	15.5	22.2			30.1	7440
AUG		3.2	3.8				3.8	13.7	23.2			32.9	7434
SEP		1.6	7.4				7.4	23.3	20.2			34.7	7198
OCT		.6	6.3				6.3	17.1	11.0			22.7	7439
NOV		.9	2.3	.0	.2	.0	3.5	17.3	6.6			20.7	7200
DEC		.5	10.5	.0	.4		10.9	12.8	4.9		.2	16.2	7434
TOTALS		2.0	7.9	.1	.3	.0	8.2	15.4	11.1	.0	.1	22.2	87572

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
- (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
- (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than $\frac{5}{8}$ mile.

CLIMATE CLIMATOLOGY BRANCH
 AFM/TAC
 AIR WEATHER SERVICE/MAC

XXX **WEATHER CONDITIONS** XXX
 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
 ATMOSPHERIC PHENOMENA

1983 STATION COLUMBUS AFB MS STATION NAME 40, 58-81 YEARS ALL MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
 FROM DAILY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	DAILY	6.2	45.0	3.6	12.4	.3	49.3	46.6	19.0	.7		50.9	744
FEB		7.9	43.3	.6	7.4	.6	42.1	43.8	21.5	.5	.2	48.6	662
MAR		19.2	45.7	.3	2.9	2.0	46.3	38.4	15.3	.1		41.5	713
APR		19.7	37.5		.1	1.3	36.0	42.8	23.5			40.0	720
MAY		24.2	37.2			1.1	37.6	52.1	36.5			57.2	743
JUN		30.0	40.0			.7	40.0	51.3	43.2			56.0	690
JUL		41.4	44.7			.6	44.7	56.4	45.0			62.6	713
AUG		32.4	37.7			.7	39.7	69.1	53.7			74.9	713
SEP		17.6	37.6			.2	37.6	66.7	49.1			71.4	660
OCT		5.3	26.0			.1	26.0	57.2	38.7			61.0	682
NOV		6.7	38.4	.1	1.4	.3	38.6	49.7	29.6			53.9	690
DEC		5.8	40.4	1.3	4.2	.1	42.1	42.6	20.3			47.0	713
TOTALS		18.0	37.5	.5	2.4	.7	40.0	51.4	32.9	.1	.0	56.3	7443

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	".00"	equals none for the month (hundredths)
EXTREME DAILY SNOWFALL	".0"	equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	"0"	equals none for the month (whole inches)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

Values for means and standard deviations do not include measurements from incomplete months.

- NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

Beginning thru 1945	at 0800LST
Jan 46-May 57	at 1230GMT
Jun 57-present	at 1200GMT

U. S. Navy and National Weather Service (USWB)

Beginning thru Jun 52	at 0030GMT
Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT

2
 GLOBAL CLIMATOLOGY BRANCH
 WPC/FETAC
 AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
 PRECIPITATION
 (FROM DAILY OBSERVATIONS)

7233.6

COLUMBUS AFB MS

42-46, 58-81

STATION

STATION NAME

YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-30	31-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	43.7	15.4	2.6	6.5	4.4	5.7	5.5	6.1	4.4	.7				35.9	836	5.24	13.03	.92
FEB	53.0	11.9	2.5	5.1	2.3	6.2	6.3	6.2	5.1	.5				34.2	746	4.84	9.73	1.43
MAR	52.9	10.9	1.6	5.8	4.1	3.8	7.0	6.4	5.7	1.6	.1			36.2	823	7.02	16.20	.00
APR	62.9	8.5	2.1	3.8	1.8	3.4	4.9	6.4	5.2	1.0	.1			28.6	833	5.84	13.09	TRACE
MAY	60.3	11.6	1.5	4.2	2.4	5.1	4.2	5.1	4.9	.6				26.1	859	5.34	12.71	.00
JUN	60.9	10.7	4.4	3.8	2.5	5.5	5.7	4.3	2.1	.1				26.5	794	3.01	5.26	.00
JUL	56.7	10.4	2.4	6.2	4.3	5.3	5.8	5.1	3.9	.6				33.6	828	4.94	11.89	.00
AUG	61.1	10.1	2.3	4.5	4.7	5.6	3.4	4.7	3.4	.2				28.8	825	3.75	9.27	.00
SEP	42.3	11.2	3.1	4.2	3.9	4.2	3.2	4.2	3.3	.4				26.6	779	3.66	10.87	.18
OCT	73.4	6.6	1.2	4.0	1.6	2.9	3.2	3.5	3.1	.2	.1			19.9	606	3.12	7.81	TRACE
NOV	60.9	10.2	2.2	5.1	2.7	4.6	4.7	4.6	4.3	.5				28.9	810	4.24	10.70	.70
DEC	56.4	10.6	2.2	3.2	3.7	5.1	6.5	6.6	4.8	1.0				33.0	837	5.65	14.58	1.12
ANNUAL	52.1	10.7	2.3	4.7	3.2	4.8	5.0	5.3	4.2	.6	.0			30.2	9776	56.65		

CLERICAL CLIMATOLOGY BRANCH
USAF ETAC
AT WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

72-306 COLUMBUS AFB MS
STATION STATION NAME

42-46, 58-81
YEARS

24 HOUR AMOUNTS IN INCHES

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
YEAR													
42			.70*	TRACE*	.00*	.00*	.00*	.00*	1.87	1.28	.45	2.39	
43	*.34	1.67	2.72	1.00	.93	2.03	.50	.95	1.63	.66	2.03	1.47	2.72
44	1.39	1.06	2.96	2.22	1.70	.64	.76	2.14	.08	.39	.97	2.37	2.96
45	1.05	2.65	2.66	1.12	.83	1.57	1.81	1.04	1.49	1.47	.92	1.29	2.66
46	3.14*	3.64		.48	2.57								
58											2.07	.77	
59	1.34	1.86	1.11	1.72	2.17	.98	1.80	.74	.66	2.53	1.27	1.34	2.53
60	2.01	.81	3.11	.79	1.84	1.68	1.16	2.30	.94	1.28	2.13	1.10	3.11
61	.64	4.32	2.18	.93	.76	2.24	2.39	.73	.32	1.48	3.68	3.06	4.32
62	1.75	1.28	1.38	1.63	1.12	1.18	1.49	2.01	1.34	2.12	1.09	.74	2.12
63	.89	.65	1.18	1.16	3.14	1.13	2.62	1.90	1.79	TRACE	2.91	2.84	3.14
64	3.00	.82	1.65	2.28	1.35	1.58	.53	1.53	1.58	1.16	1.47	1.87	3.00
65	.97	2.22	1.16	1.61	.60	.48	1.85	.87	1.92	1.34	.21	.31	2.22
66	1.63	1.88	.45	2.63	1.01	.63	2.74	.89	2.55	.90	.55	1.31	2.74
67	.69	1.59	1.14	2.00	.97	1.25	3.53	.67	.76	2.08	1.12	2.61	3.53
68	3.04	1.36	1.66	.92	2.04	.66	4.76	.72	.97	.86	1.40	2.36	4.76
69	1.23	1.29	1.79	2.15	1.89	.92	1.57	1.79	1.28	1.99	1.76	3.89	3.89
70	.93	1.42	6.07	3.26	1.74	1.66	1.43	2.71	.54	1.40	.86	.88	6.07
71	.91	2.39	1.05	1.75	3.13	3.33	1.37	1.22	1.90	1.60	.36	1.45	3.33
72	2.06	.52	.90	.88	1.71	1.26	.69	1.42	2.80	1.44	1.73	1.33	2.80
73	2.61*	2.22	3.21	2.40*	.94	.99	1.03	1.90	1.61	1.58	2.69	2.38	3.21
74	2.19	1.38	1.38	3.68	2.41	1.06	.77	1.95	.82	1.29	1.03	1.42	3.68
75	2.69	1.97	4.82	.87	2.48	1.29	1.74	1.08	1.04	4.41	.93	1.82	4.82
76	1.09	1.83	2.00	.78	2.23	1.21	1.30	1.50	1.74	.78	1.67	1.57	2.23
77	2.38	1.90	2.95	3.40	1.62	.15	.97	.56	2.07	5.16	1.94	.46	5.16
78	1.16	1.21	1.50	.52	4.05	1.10	2.01	1.02	1.32	.51	1.10	2.09	4.05
79	2.94	2.85	4.56	5.76	1.50	.96	4.99	2.76	4.60	1.53	2.66	.65	5.76
80	1.70	.99	3.06	2.62	2.35	1.28	.33	1.03	1.51	1.57	1.21	.94	3.06
81	.98	1.81	2.68	1.13	1.47	1.23	.78	1.05					
MEAN	1.703	1.669	2.282	1.840	1.831	1.250	1.728	1.403	1.490	1.570	1.489	1.656	3.563
S D	.817	.813	1.339	1.191	.829	.626	1.201	.641	.917	1.105	.832	.866	1.124
TOTAL OBS	636	746	823	833	859	794	828	825	779	806	810	837	9776

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AT WEATHER SERVICE/MAC

EXTREME VALUES MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

7236 COLUMBUS AFB MS
STATION STATION NAME

42-46, 58-81
YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
42			* .00	* TRACE	* .00	* .00	* .00	* .00	2.52	5.18	.70	5.85	
43	* .92	3.92	7.42	3.28	3.13	2.76	1.61	1.60	4.11	.68	3.81	2.86	* 36.17
44	2.54	7.94	8.33	7.46	3.69	.90	3.62	4.55	.18	.39	3.46	6.48	49.54
45	2.82	9.73	5.75	3.64	3.25	2.40	5.30	2.71	3.82	3.79	3.73	6.04	52.98
46	10.74	5.74		1.50	7.49								
50											3.39	2.25	
59	3.54	4.39	3.64	5.30	4.92	3.43	2.45	2.25	2.27	5.30	3.17	3.95	44.61
60	6.4	3.12	8.20	3.12	4.49	2.93	2.51	4.78	1.69	4.05	3.75	3.23	48.27
61	1.64	8.96	10.40	3.87	2.60	5.22	11.20	1.31	.91	1.84	10.70	13.81	72.46
62	7.42	4.53	3.47	6.90	1.38	4.08	4.52	2.58	2.36	2.40	2.76	2.70	45.10
63	4.14	1.53	3.49	4.10	7.44	3.42	9.40	3.48	2.18	TRACE	5.96	6.10	51.24
64	4.84	3.13	7.54	13.29	2.62	2.05	2.70	3.47	3.63	1.95	3.52	5.01	53.55
65	2.40	6.93	6.31	3.53	1.55	2.07	6.44	2.08	3.65	1.45	.79	1.18	38.38
66	5.59	6.01	1.70	9.90	2.34	2.05	4.61	2.64	5.10	1.71	1.52	3.73	46.90
67	1.94	5.62	2.28	3.21	4.67	3.18	9.47	3.58	1.81	4.20	3.91	14.58	58.45
68	7.36	2.41	5.46	4.88	8.10	1.73	10.12	2.46	3.76	2.26	4.96	6.32	59.82
69	3.36	4.09	4.96	8.95	5.66	2.78	5.35	3.97	2.63	3.98	3.14	13.74	62.61
70	2.57	3.49	9.84	9.43	6.66	3.39	3.24	9.27	1.68	5.24	2.21	4.10	61.12
71	3.49	8.88	6.43	5.07	5.43	4.69	6.39	4.48	4.13	2.61	1.05	7.21	59.86
72	8.93	1.43	4.54	2.92	3.95	2.54	2.01	2.13	5.23	3.07	6.04	5.17	47.93
73	8.97	4.52	12.34	6.99	3.61	2.47	3.89	5.20	4.31	2.64	9.56	6.92	* 71.42
74	13.03	5.49	4.26	8.24	8.67	4.66	1.74	7.91	3.25	1.43	4.81	7.70	71.19
75	5.98	7.34	10.40	3.87	4.92	5.26	5.45	5.60	4.30	6.71	4.25	3.92	68.00
76	3.20	4.25	10.92	1.32	11.19	3.25	3.88	5.10	4.16	3.48	3.42	5.28	59.45
77	5.88	3.13	9.60	11.80	2.68	.38	5.37	.81	10.87	7.81	7.47	1.64	67.44
78	3.75	2.09	4.18	1.33	12.71	3.57	3.04	3.04	2.17	.53	3.53	9.30	49.29
79	8.46	6.88	7.88	11.29	6.04	1.56	11.89	6.86	9.71	3.61	7.07	2.45	83.70
80	5.77	2.14	16.20	9.97	9.57	3.32	.63	3.42	3.58	4.68	5.75	1.12	66.15
81	1.63	3.49	6.95	2.69	3.81	4.08	1.50	2.31					
MEAN	5.245	4.837	7.019	5.839	5.345	3.007	4.936	3.753	3.660	3.115	4.238	5.653	57.309
S.D	2.987	2.431	3.393	3.433	2.935	1.226	3.150	2.022	2.370	1.966	2.420	3.660	10.907
TOTAL OBS	836	746	823	833	859	794	828	825	779	806	810	837	9776

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OLA)

2
1
GLOBAL CLIMATOLOGY BRANCH
STAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

7203

COLUMBUS AFB MS

46, 58-81

STATION

STATION NAME

YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-04	05-14	15-24	25-34	35-44	45-64	65-104	105-154	155-254	255-504	OVER 504					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	7.4	9.9	1.7	.4		.3	.1	.1	.1					2.8	744	1.2	7.4	.3
FEB	2.4	6.5	.9	.2	.2		.2		.2					1.1	661	.7	11.0	.0
MAR	6.9	2.7	.1	.1		.1								.4	713	.2	3.8	.0
APR	9.9	.1													720	TRACE	TRACE	.0
MAY	0.0														743	.0	.0	.0
JUN	0.0														690	.0	.0	.0
JUL	0.0														713	.0	.0	.0
AUG	0.0														713	.0	.0	.0
SEP	0.0														660	.0	.0	.0
OCT	0.0														682	.0	.0	.0
NOV	8.4	1.2	.1	.3										.4	690	.1	1.0	.0
DEC	5.9	3.2	.4	.1					.3					.8	713	.7	8.0	.0
ANNUAL	7.6	2.0	.2	.1	.0	.0	.0	.0	.0					.5	8442	2.9		

CLIMATE CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

12331 COLUMBUS AFB MS STATION NAME

46-58-81 YEARS

24 HOUR AMOUNTS IN INCHES

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
YEAR													
47	.0	.0		.0	.0								
50	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.4
61	TRACE	7.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	7.0
62	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
63	7.3	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	7.3
64	.1	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.5	6.5
65	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.0
66	.4	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4
67	4.2	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	4.2
68	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
69	TRACE	2.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0
70	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
71	TRACE	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
72	.3	.4	.1	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	.4
73	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
74	TRACE*	.0	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.1	.1
75	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
76	2.6	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.7	TRACE	2.6
77	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
78	3.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	3.0
79	5.2	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	5.2
80	.7	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7
81	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
82	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
83													
84													
85													
86													
87													
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31													
MEAN	1.05	.44	.13	TRACE	.00	.00	.00	.00	.00	.00	.06	.59	1.99
S D	1.969	1.526	.625	.000	.000	.000	.000	.000	.000	.000	.188	1.945	2.576
TOTAL OBS	744	661	713	720	743	690	713	713	660	682	690	713	8442

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
 JAFETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES
 MONTHLY SNOWFALL

FROM DAILY OBSERVATIONS

1243-6 COLUMBUS AFB MS 46 58-81
 STATION STATION NAME YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
46	.0*	.0		.0	.0								
50	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4
60	TRACE	11.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.0
61	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
62	7.4	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.4
63	.1	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
64	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
65	.4	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4
66	4.2	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2
67	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
68	TRACE	3.0	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.8
69	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
70	TRACE	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
71	.5	.4	.1	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	1.0
72	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
73	TRACE*	.0	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.1	.1
74	.3	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
75	2.6	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6
76	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
77	3.5	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5
78	6.5	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.5
79	1.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2
80	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
81	.0	TRACE	.0	.0	.0	.0	.0	.0					
MEAN	1.15	.67	.17	TRACE	.00	.00	.00	.00	.00	.00	.07	.67	2.62
S.D.	2.132	2.394	.792	.000	.000	.000	.000	.000	.000	.000	.238	2.192	3.358
TOTAL OBS	744	661	713	720	743	690	713	713	660	682	690	713	8442

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL A)

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

725304 COLUMBUS AFB MS

42-46, 58-81

STATION

STATION NAME

YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	4.4	3.2	.5	.8	.1	.2	.2							1.9	834			
FEB	8.3	1.2		.1		.3	.1							.5	745			
MAR	9.9		.1											.1	836			
APR	10.0														840			
MAY	10.0														867			
JUN	100.0														810			
JUL	100.0														837			
AUG	100.0														837			
SEP	100.0														780			
OCT	100.0														806			
NOV	9.9	.2													810			
DEC	8.3	1.0	.4		.1	.2								.7	834			
ANNUAL	9.3	.5	.1	.1	.1	.1	.0							.3	9836			

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

723346
STATION

COLUMBUS AFB MS
STATION NAME

42-46, 58-81
YEARS

DAILY SNOW DEPTH IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
42			*	0	0	0	0	0	0	0	0	0	
43	*	0*	0	0	0	0	0	0	0	0	0*	0	*
44	*	0	0	0	0	0	0	0	0	0	0*	0	*
45		0*	0	0	0	0	0	0	0	0	0	0	
46		0*	0	0	0								
58											0	4	
59	TRACE	0	0	0	0	0	0	0	0	0	0	0	TRACE
61	0	8	0	0	0	0	0	0	0	0	0	0	8
61	0	0	0	0	0	0	0	0	0	0	0	0	0
62	7	0	0	0	0	0	0	0	0	0	0	0	7
63	TRACE	TRACE	0	0	0	0	0	0	0	0	0	TRACE	TRACE
64	7	0	0	0	0	0	0	0	0	0	0	0	7
65	0	0	0	0	0	0	0	0	0	0	0	0	0
66	2	0	0	0	0	0	0	0	0	0	0	0	2
67	0	0	0	0	0	0	0	0	0	0	0	0	0
68	1	0	0	0	0	0	0	0	0	0	0	0	1
69	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0	0	0	0	0
71	1	TRACE	0	0	0	0	0	0	0	0	0	0	1
72	TRACE	0	0	0	0	0	0	0	0	0	0	0	TRACE
73	0	0	0	0*	0	0	0	0	0	0	0	TRACE	TRACE
74	0	0	0	0	0	0	0	0	0	0	0	TRACE	TRACE
75	TRACE	0	0	0	0	0	0	0	0	0	TRACE	0	TRACE
76	TRACE	0	0	0	0	0	0	0	0	0	TRACE	TRACE	TRACE
77	2	TRACE	0	0	0	0	0	0	0	0	0	0	2
78	5	TRACE	0	0	0	0	0	0	0	0	0	0	5
79	TRACE	TRACE	0	0	0	0	0	0	0	0	0	0	TRACE
80	0	TRACE	1	0	0	0	0	0	0	0	0	0	1
81	0	0	0	0	0	0	0	0					
MEAN	1.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.2	1.6
S D	2.121	1.633	.196	.000	.000	.000	.000	.000	.000	.000	.000	.800	2.673
TOTAL OBS	634	745	836	840	867	810	837	837	780	806	610	834	9836

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC

FORM
JUL 64

0-88-5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

- *1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

- *2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

*Values for means and standard deviations do not include measurements from incomplete months.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT: WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

12-3-86 COLUMBUS AFB MS STATION NAME

58-81 YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
58												ESE*23	
59	N	42W 28N	33WSW 30S	38W	46NNW 28W	28W	31N	21NNW 30N	26				46
60	N	28SW 34S	32S	25W	47N	26NNE	42ESE	32SE	31W	25NNW	23NNW	33	47
61	NW	35W 37W	51W	38S	29NNE	30S	71E	*27SSE*28N	*26S	*30NNE*24			71
62	S	*31SSW 38W	43SSE	47W	28W	31NNW	30NNW	20S	21NNW	21W	*22W	24	47
63	S	*25SSE*35S	51SSW*38NNW	43N	27W	31W	*23W	40W	*20N	*32W	33		51
64	W	47WSW 36WSW	42SE	33SSW*22E	27N	36ESE	30NNE	27NNE	35WSW	40SSE	42		47
65	NNW	34W 38W	43W	30S	35N	26W	40NNW	29SSE	34ESE	24W	54SSE	34	54
66	NNW	35SSE	51W	36N	34NW	29NNW	38N	*28W	24NW	26W	23NW	35	51
67	NW	29SSW	33SSW	29W	51W	36SW	27E	32SW	21W	26NW	43SW	23SSW	51
68	N	25S	26NW	26S	30SSE	29NW	3613/	3018/	3032/	2132/	2518/	4026/	40
69	19/	3016/	3012/	4013/	3828/	2533/	4910/	3832/	3434/	4634/	2631/	3813/	35
70	36/	3112/	4627/	4529/	46 6/	4233/	3820/	2918/	4118/	3423/	3618/	2933/	34
71	30/	2626/	3837/	3432/	2818/	2827/	4336/	4735*	4117*	3035/	2035/	2317/	24
72	33/	3229*	2631*	4023/	30 5/	28 1/	2932/	4616/	4034*	26 9/	2517/	2615/	33
73	27/	2936/	2830/	4814/	3919/	4330/	24 3/	2632*	2817*	2931/	4226/	2824/	40
74	34/	3426/	42 9/	3516/	3525/	3427/	3336/	3333/	3130/	3016/	2232/	2713/	29
75	19/	5416/	3333/	7018/	3612/	2928/	32 1/	3727/	5424/	46 4/	2914/	3223/	26
76	35/	3130/	4124/	52 2/	4218/	2835*	23			13/	37	36*	31
77	28/	3728/	3326/	5827/	3136/	3432/	4210/	3710/	2423/	3523/	2229/	3032/	37
78	31/	4426/	3017/	5028/	3023/	5630/	3029/	4531/	4619/	2225/	2625/	2931/	34
79	29/	3830/	3514/	4015/	3733/	2719/	2615/	3812/	33 3/	3616/	3435/	2824/	28
80	14/	2630/	3329/	3829/	2812/	3135/	3012/	26 6/	4236/	3116/	3124/	2331/	25
81	34/	2316/	3226/	3319/	2729/	4720/	30 2/	3530/	33				
MEAN	33.3	35.3	42.2	34.8	34.8	32.6	37.0	32.9	31.6	28.4	31.0	32.2	49.3
S.D.	7.700	6.110	10.401	6.955	8.273	6.912	10.010	8.891	7.633	7.140	7.978	5.393	8.567
TOTAL OBS	697	631	701	684	705	680	669	655	608	667	602	678	7977

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OLA)
5 (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

U.S. AIR FORCE
AFETAC
AF WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 12.3 COLUMBUS AFB MS STATION NAME 70,73-81 YEARS JAN
MONTH 0000-0200
HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	5.5	4.4	.3								1.9	5.5
NNE	.9	.9	.9	.1								2.6	5.6
NE	.4	.1	.1									.6	3.7
ENE	.3	.8	.1									1.2	4.4
E	1.1	1.1	.2	.1								2.5	4.0
ESE	2.4	1.7	.9	.1								3.1	4.3
SE	2.6	1.9	.8	.3	.2							5.8	5.1
SSE	.6	1.6	1.6	1.0								4.8	7.2
S	1.4	2.6	3.8	.6								8.4	6.4
SSW	.4	.9	.3	.1								1.7	5.0
SW	.3	.4										.8	3.4
WSW	.6	.3		.2								1.2	5.3
W	1.7	1.2	.2	.3	.4							3.9	6.4
WNW	1.0	1.6	1.1	.8	.1							4.5	6.9
NW	1.4	1.1	1.6	1.0	.4							5.5	7.8
NNW	1.0	2.0	3.2	1.7								6.0	7.8
VARBL													
CALM												30.6	
	1.7	23.7	19.1	6.7	1.2							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 930

1
2
FEDERAL CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION COLUMBUS AFB MS YEARS 70, 73-81 MONTH JAN
STATION NAME CLASS ALL WEATHER HOURS 0300-0500
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	4.3	4.7	.5								13.7	5.4
NNE	1.4	1.2	.4	.2								3.2	4.9
NE	.9	.3	.2									1.4	3.8
ENE	.4	.4	.1									1.0	3.7
E	1.1	.5	.2									1.8	3.8
ESE	2.0	1.7	.8									4.5	3.9
SE	4.1	2.0	1.4	.2								7.7	4.1
SSE	1.0	1.5	1.8	1.4								5.7	7.4
S	.9	3.0	2.6	.5								7.0	6.2
SSW	.8	.9										1.6	3.4
SW	.2	.1										.3	2.3
WSW	.6	.3	.1									1.1	3.5
W	1.0	.0	.4	.8								3.0	7.1
WNW	1.6	1.4	.8	.8	.3	.1						4.9	7.2
NW	1.1	1.3	2.4	1.3								6.0	7.8
NNW	1.6	2.7	2.7	1.3								8.3	6.9
VARBL													
CALM												24.7	
	20.7	22.6	18.6	7.0	.3	.1						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
A FATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12.3.8 STATION COLUMBUS AFB MS STATION NAME 70,73-81 YEARS JAN NORTH
0600-0600 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	4.3	4.6	1.3								13.4	6.1
NNE	1.2	1.1	.8	.2								3.2	5.2
NE	.6	.3										1.0	2.4
ENE	1.1	.4	.3									1.6	4.0
E	1.5	1.6	.3									3.4	4.0
ESE	1.6	1.2	.5	.4								4.4	5.0
SE	2.3	2.9	1.3	.3								7.3	4.7
SSE	1.1	1.5	1.4	.9	.1							4.9	7.1
S	2.0	2.7	1.8	.4								7.0	5.5
SSW	1.3	.5	.2									2.0	3.4
SW	.1	.2										.3	3.7
WSW	.5	.5	.1									1.2	4.0
W	.5	1.1	.2	1.1								2.9	6.1
WNW	.9	1.1	1.5	.5	.2							4.2	7.5
NW	1.4	1.7	2.5	1.1								6.7	7.1
NNW	1.5	1.5	3.2	1.1	.2							7.7	7.4
VARBL													
CALM												26.4	
	21.5	23.4	18.8	7.3	.5							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 930

LOCAL CLIMATOLOGY BRANCH
AFETAC
WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

2 3 4 COLUMBUS AFB MS 70,73-81 JAN
STATION STATION NAME YEARS MONTH
ALL WEATHER 0900-1100
CLASS HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	4.0	5.8	1.5	.1							14.7	6.7
NNE	1.3	1.1	.8	.2								3.3	5.0
NE	1.2	1.2	.4	.1								2.9	4.2
ENE	1.2	1.1	.3									2.5	3.5
E	1.2	1.9	.3	.1								3.6	4.5
ESE	1.1	2.3	1.8	.4								5.6	6.2
SE	1.9	2.7	2.5	.1	.2							7.4	5.9
SSE	1.6	2.4	2.7	.6	.2							7.5	6.8
S	1.1	2.3	2.7	.9	.2	.1						7.2	7.6
SSW	1.4	1.6	.9									3.9	4.6
SW	1.7	.4	.6	.4								2.5	5.9
WSW	1.3	.3	.9	.2								2.8	5.4
W	.3	.5	1.3	.8								2.9	7.8
WNW	.9	1.5	1.6	1.6	.1							5.6	8.3
NW	1.4	1.6	3.6	2.0	.3							6.9	8.4
NNW	1.5	1.8	3.1	2.5	.3							9.3	8.3
VARBL													
CALM												9.4	
	21.1	27.0	29.3	11.5	1.5	.1						104.0	6.1

TOTAL NUMBER OF OBSERVATIONS 928

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATMOSPHERIC SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

203
STATION

COLUMBUS AFB MS
STATION NAME

70,73-81
YEARS

JAN
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	3.2	4.2	1.1	.4							10.8	7.2
NNE	.1	1.6	.3	.1								2.2	5.5
NE	.9	.6	.3									1.7	4.1
ENE	.6	.6	.4	.1								1.8	5.0
E	1.5	.6	.4									2.6	3.9
ESE	.9	.9	1.0	.2								2.9	5.8
SE	1.4	2.7	2.3	.6	.1							7.1	6.2
SSE	1.1	1.5	3.3	1.1	.3							7.3	7.8
S	1.2	2.3	3.5	1.2								8.2	7.2
SSW	.8	1.4	1.3	.9								4.3	7.2
SW	.4	1.3	.8	.3	.1							2.9	6.7
WSW	.8	1.5	1.4	.5								4.2	6.4
W	1.1	1.9	1.8	.6	.2							5.6	7.0
WNW	1.2	1.8	2.6	2.2								7.7	8.3
NW	1.3	2.2	4.3	2.2	.4							10.2	8.7
NNW	1.2	3.7	4.7	2.4	.4							12.4	8.1
VARBL													
CALM												8.2	
	18.0	27.6	32.7	13.4	2.0							100.0	6.6

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2036 STATION COLUMBUS AFB MS 70,73-81 YEARS JAN NORTH
1500-1700
ALL WEATHER
CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	3.5	4.6	1.2	.1							12.0	6.6
NNE	1.0	.6	.4									2.0	4.4
NE	.9	.5	.1									1.7	3.4
ENE	.6	.2	.1									1.0	3.3
E	.5	1.5	.3	.3								2.7	5.6
ESE	.5	1.8	1.1	.1								3.5	5.6
SE	1.3	2.2	2.5	.5	.1							6.6	6.7
SSE	1.8	3.0	3.0	.5								8.4	6.0
S	1.8	1.9	2.2	.2								6.1	5.7
SSW	1.1	1.4	.9	.6	.1							4.1	6.9
SW	.3	.2	.4	.6								1.6	8.5
WSW	1.0	1.0	1.0	.3								3.2	6.0
W	1.5	2.3	1.3	.9	.4							6.3	6.9
WNW	1.8	2.3	2.9	1.6	.1							8.7	7.1
NW	.6	2.5	4.2	2.2	.4							9.9	8.5
NNW	1.3	3.9	5.6	2.3	.5							13.5	8.0
VARBL													
CALM												8.5	
	15.7	29.0	30.5	11.4	1.8							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12.3 STATION COLUMBUS AFB MS STATION NAME 70.73-81 YEARS JAN NORTH
1800-2000 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.5	4.3	3.5	.9	.1							12.4	5.6
NNE	1.2	.3	.3	.1								1.9	3.9
NE	.4	.6	.3	.2								1.6	6.0
ENE	.5	.2										.8	2.9
E	1.1	.9	.2	.1								2.3	4.2
ESE	2.8	2.0	1.0	.4								6.2	4.8
SE	2.3	3.2	1.6	.2								6.0	5.0
SSE	1.2	1.4	1.8	.4								4.8	6.5
S	.6	1.7	1.3	.1								3.8	5.9
SSW	.3	1.1	.3	.1								1.8	5.4
SW	.2	.3	.2	.1								.9	6.1
WSW	.6	.6	.1									1.4	4.0
W	1.2	1.5	.4	.3	.2							3.7	6.1
WNW	1.8	1.9	.8	.6		.1						5.3	5.8
NW	2.0	1.9	2.0	1.0	.3							7.3	6.9
NNW	3.0	2.8	2.8	2.5	.3	.1						11.5	7.3
VARBL													
CALM												26.5	
	22.9	25.6	16.8	7.1	1.0	.2						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 283 STATION NAME COLUMBUS AFB MS YEARS 70, 73-81 MONTH JAN
CLASS ALL WEATHER HOURS (LST) 2100-2300
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	5.1	3.4	1.5	.1							12.7	6.3
NNE	1.2	.6	.8									2.6	4.5
NE	.8	.5	.3	.1								1.7	4.4
ENE	.3	.9	.3									1.4	4.7
E	1.2	.9	.2									2.3	3.6
ESE	2.2	1.2	.5	.5	.2							4.6	5.3
SE	2.9	2.9	1.3	.3								7.4	4.7
SSE	1.1	2.4	2.4	1.0								6.8	6.7
S	1.3	1.6	2.3	.4								5.6	6.3
SSW	.6	.8	.5	.1								2.0	5.5
SW	.3	.4	.1									.9	4.5
WSW	.2	.6	.2									1.1	5.0
W	1.1	.9	.3	.9								3.1	6.8
WNW	1.6	1.3	1.1	.3	.2							4.5	5.8
NW	1.5	2.7	1.4	1.4								6.3	6.9
NNW	1.6	2.7	2.3	2.2	.4	.1						8.6	8.3
VARBL													
CALM												25.4	
	20.4	24.0	17.4	8.7	1.0	.1						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1233.4 STATION COLUMBUS AFB MS 70,73-81 YEARS JAN MONTH
ALL WEATHER CLASS ALL HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	3.0	4.3	4.4	1.0	.1							12.8	6.2
NNE	1.0	.9	.6	.1								2.6	4.9
NE	.7	.6	.2	.1								1.6	4.1
ENE	.6	.6	.2	.0								1.4	4.0
E	1.1	1.1	.3	.1								2.6	4.2
ESE	1.7	1.7	.9	.3	.0							4.6	5.1
SE	2.4	2.6	1.7	.3	.1							7.2	5.2
SSE	1.2	1.0	2.3	.9	.1							6.3	6.9
S	1.3	2.3	2.5	.6	.0	.0						6.7	6.4
SSW	.8	1.1	.6	.2	.0							2.7	5.5
SW	.4	.4	.3	.2	.0							1.3	6.1
WSW	.7	.7	.5	.2	.0							2.0	5.4
W	1.0	1.3	.8	.7	.2							3.9	7.0
WNW	1.3	1.6	1.5	1.0	.1	.0						5.7	7.2
NW	1.3	1.8	2.7	1.5	.2							7.6	7.9
NNW	1.6	2.6	3.5	2.0	.3	.0						9.9	7.8
VARBL													
CALM												21.1	
	20.3	25.4	22.9	9.1	1.2	.1						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 7438

LOCAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

2 3 4 STATION COLUMBUS AFB MS STATION NAME 70.73-81 YEARS FEB MONTH
ALL WEATHER CLASS 0000-0200 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	3.5	2.5	1.2	.2							15.0	6.5
NNE	1.1	.9	.9	.4								3.3	5.6
NE	.4	.2										.6	3.6
ENE	.8	.8	.1									1.8	3.6
E	1.4	.5	.4									2.2	3.7
ESE	1.9	.9	.6	.1	.1							3.7	4.7
SE	2.0	1.3	.6	.6								4.5	5.0
SSE	.7	2.1	1.3	1.3		.1						5.6	7.7
S	.9	3.5	3.8	.4								6.6	6.3
SSW	.7	1.3	.4	.4								2.7	6.0
SW	.1	.5	.2									.8	5.4
WSW	.8	.7	.1	.6	.1							2.4	6.9
W	1.8	.4	1.2	.4	.1							3.8	5.7
WNW	1.3	.9	.9	.7	.1							4.0	6.7
NW	1.5	1.1	1.3	.5	.4							4.7	7.0
NNW	1.1	1.7	2.4	.7	.1							5.9	7.4
VARBL													
CALM												35.3	
	19.1	20.4	16.7	7.1	1.2	.1						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1283 6 COLUMBUS AFB MS 70,73-81 FEB
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
0300-0500
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	3.3	2.4	1.4		.1						9.6	6.4
NNE	.9	1.1	1.1	.1								3.2	5.4
NE	.5	.4	.2	.1								1.2	5.1
ENE	.6	.2		.1								.9	4.0
E	1.5	1.7										3.2	3.1
ESE	2.0	.7	.4									3.3	3.8
SE	2.0	2.1	.6	.6	.1							5.4	5.3
SSE	1.2	1.3	1.4	1.2	.2							5.3	7.8
S	2.5	3.8	2.5	.6								9.3	5.7
SSW	.6	.8	.1	.1								1.7	4.8
SW	.4	.5	.5									1.3	5.1
WSW	.2	.5	.4	.7								1.8	8.3
W	.9	.9	.7	.5								3.1	6.0
WNW	1.9	.7	1.2	.5	.2							4.5	6.1
NW	1.2	.7	.9	1.8								4.6	8.1
NNW	.9	2.4	2.2	1.5								7.1	7.6
VARBL													
CALM												34.5	
	19.7	21.3	14.5	9.2	.6	.1						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12 3 4 STATION COLUMBUS AFB MS STATION NAME 70,73-81 YEARS FEB MONTH 0600-0800 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	0.0	4.1	3.0	1.1	.1							10.3	6.4
NNE	1.1	1.3	.4									2.7	4.1
NE	.6	.4	.5									1.4	5.2
ENE	.8	.6		.1								1.5	3.9
E	1.5	.7	.2									2.5	3.5
ESE	3.5	1.9	.7	.1								6.1	3.7
SE	3.3	3.1	1.2	.5								8.0	4.7
SSE	1.3	1.3	1.3	.5	.8							5.2	7.7
S	2.6	2.4	2.2	.2	.1							7.6	5.4
SSW	.1	.3	.1	.1								1.2	5.4
SW	.6	.7	.4	.2								1.9	5.6
WSW	.2	.7	.5	.1								1.5	6.7
W	.5	1.5	.4	.6								3.0	6.5
WNW	1.3	.3	1.9	.7	.1							4.8	7.0
NW	1.1	.2	1.8	1.2								4.3	7.9
NNW	1.2	2.0	1.9	2.4								7.4	8.0
VARBL													
CALM												30.5	
	21.7	22.5	16.3	7.8	1.2							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 2-3 6 COLUMBUS AFB MS STATION NAME 70,73-81 YEARS FEB
STATION 0900-1100 NORTH
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	3.2	3.1	1.7	.2							10.2	6.9
NNE	.7	2.1	.9	.2								4.0	5.8
NE	.7	1.1	.4									2.1	4.8
ENE	1.5	.8	.2	.1								2.7	4.0
E	1.4	2.1	.7									4.3	4.5
ESE	1.2	2.7	.7									4.6	4.8
SE	2.2	2.2	2.2	.6	.1							9.0	6.0
SSE	1.5	1.9	2.6	.7	.4							7.1	7.1
S	3.0	4.3	3.4	1.5	.2							12.4	6.6
SSW	1.8	1.7	1.3	.2								5.0	5.4
SW	1.1	.9	.7	.7								3.4	6.4
WSW	.4	.7	.7	.8	.1							2.7	8.7
W	.7	1.1	1.8	1.5	.1							5.2	8.6
WNW	.5	1.1	2.0	2.1	.1							5.8	9.5
NW	.5	1.2	1.2	1.9	.1							4.8	9.0
NNW	.9	1.2	3.9	2.7								8.7	8.6
VARBL													
CALM												8.9	
	20.1	28.8	25.9	14.9	1.4							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

203 STATION COLUMBUS AFB MS 70,73-81 YEARS FEB MONTH
ALL WEATHER CLASS 1200-1400 HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	2.0	2.3	2.2	1.9	.4							9.3	7.4
NNE	1.1	1.3	.6	.2								3.2	5.0
NE	.9	.5										1.4	2.6
ENE	.6	.8	.1									1.5	4.1
E	.8	2.7	.6	.2								3.7	5.2
ESE	1.4	1.3	.6	.4	.1							3.8	5.5
SE	.8	1.3	1.5	.2								3.9	6.3
SSE	.5	2.4	2.4	1.8	.6							7.6	8.8
S	1.7	3.0	4.0	2.5	.2							11.3	7.9
SSW	1.5	1.7	1.7	.8	.1							5.8	6.9
SW	.7	1.7	1.1	.7								4.1	6.6
WSW	.6	.8	1.5	1.1	.1							4.1	8.8
W	1.5	1.8	2.7	2.1	.1							8.3	8.2
WNW	1.3	1.7	3.0	2.2	.4							8.5	8.5
NW	.8	1.9	3.0	1.3	.5							7.4	8.4
NNW	1.5	2.2	4.6	1.4	.2							10.0	7.8
VARBL													
CALM												5.9	
	17.8	27.1	29.6	16.9	2.7							100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

236 STATION COLUMBUS AFB MS 70,73-81 YEARS FEB NORTH
1500-1700 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.1	3.8	1.5	.5							9.0	8.2
NNE	.7	1.3	.1									2.1	4.2
NE	.5	1.1										1.5	3.8
ENE	.7	.6	.1									1.4	4.1
E	1.1	1.4	.4									2.8	4.3
ESE	.9	1.3	1.2		.4							3.8	6.5
SE	1.2	.4	1.3	.5	.1							3.4	7.2
SSE	1.2	3.4	3.3	1.2	.1	.1						9.3	7.0
S	1.8	3.0	3.9	1.9	.2							10.8	7.3
SSW	.9	1.5	2.0	.7								5.2	6.8
SW	.6	.7	.8	.4								2.5	6.6
WSW	.9	.7	1.2	.4								3.2	6.1
W	2.5	2.1	2.4	1.8	.1							8.9	6.8
WNW	1.4	2.1	2.6	2.7								8.9	8.1
NW	.7	2.5	2.8	2.8	.6							9.5	9.2
NNW	.7	4.5	4.0	1.8	.1							11.1	7.4
VARBL													
CALM												6.5	
	16.9	28.8	29.9	15.6	2.1	.1						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 845

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

122305 STATION COLUMBUS AFB MS STATION NAME 70,73-81 YEARS FEB MONTH
ALL WEATHER CLASS 1800-2000 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	3.2	3.5	.8	.4							10.2	6.5
NNE	.9	.7	.5									2.0	4.6
NE	.7	.4	.2									1.3	3.7
ENE	.8	.5	.2									1.5	3.9
E	1.4	1.3	.4									3.1	4.0
ESE	1.9	2.0	.6		.1							4.6	4.5
SE	1.5	3.5	1.1	.4								6.5	5.3
SSE	2.6	2.6	1.2	.7								7.1	5.4
S	1.3	1.8	1.4	.4	.1							5.0	5.9
SSW	.9	.4										1.3	2.5
SW	.8	.2	.1	.1								1.3	4.1
WSW	1.4	.4	.4	.1								2.2	4.5
W	1.5	1.3	.8	.4	.1							4.1	5.3
WNW	3.0	1.9	1.3	1.2	.1							7.4	5.9
NW	1.3	2.5	1.5	1.2	.1							6.6	7.0
NNW	.9	3.3	2.5	1.5	.2							9.5	7.6
VARBL													
CALM												26.7	
	23.8	25.9	15.7	6.7	1.2							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 846

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	4.5	2.4	1.5	.2							11.2	6.3
NNE	1.1	.7	.1		.1							2.0	4.5
NE	.8	.4	.2									1.4	3.7
ENE	.7	.3	.1									1.7	3.4
E	.6	.3	.2	.2								2.1	5.0
ESE	1.3	2.1	.7									4.1	4.7
SE	2.8	3.3	1.2	.1								7.4	4.5
SSE	1.7	1.9	.8	1.1	.2							5.7	6.8
S	1.4	2.7	2.0	1.4								7.6	6.9
SSW	.7	.5										1.2	3.2
SW	.7	.5	.5	.1								1.8	5.3
WSW	.4	.2	.2	.2	.1							1.2	7.9
W	1.2	.9	.4	.2	.1							2.8	5.5
WNW	2.0	1.2	1.4	.4	.1							5.1	5.7
NW	.8	1.2	.7	.2								3.0	5.7
NNW	.9	2.1	3.7	1.4	.1	.1						8.4	8.0
VARBL													
CALM												33.3	
	20.0	23.9	14.7	7.0	1.1	.1						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS

246

USAFETAC FORM 0-8-5 OL-A1 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2
1
JUNIOR CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

72335 STATION COLUMBUS AFB MS 70,73-81 YEARS FEB MONTH
ALL WEATHER CLASS ALL HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	3.4	2.9	1.4	.3	.0						10.0	6.8
NNE	.9	1.2	.6	.1	.0							2.8	5.0
NE	.6	.5	.2	.0								1.4	4.1
ENE	.8	.7	.1	.0								1.6	3.9
E	1.3	1.3	.4	.1								3.0	4.2
ESE	1.8	1.6	.7	.1	.1							4.3	4.7
SE	2.0	2.2	1.2	.4	.0							5.9	5.4
SSE	1.3	2.1	1.8	1.0	.3	.0						6.6	7.3
S	1.9	3.0	2.9	1.1	.1							9.1	6.6
SSW	.9	1.1	.7	.3	.0							3.0	5.8
SW	.6	.7	.5	.3								2.1	6.0
WSW	.6	.6	.6	.5	.1							2.4	7.3
W	1.3	1.3	1.3	.9	.1							4.9	6.9
WNW	1.6	1.3	1.8	1.3	.1							6.1	7.4
NW	1.7	1.4	1.7	1.4	.2							5.6	8.0
NNW	1.0	2.4	3.1	1.7	.1	.0						8.4	7.8
VARBL													
CALM												22.7	
	19.9	24.8	20.4	10.7	1.4	.1						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 6767

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7253 6 COLUMBUS AFB MS

70,73-81

MAR

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0000-2200

CLASS

HOURLS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.4	2.6	2.0	1.2								9.2	5.6
NNE	1.4	1.0	.2									2.6	3.7
NE	.8	.9	.3									1.8	4.5
ENE	.6	.9	.2	.1								1.7	5.0
E	.9	.6	.5	.2	.1							2.4	6.0
ESE	1.8	2.4	.6	.6	.1							5.6	5.6
SE	1.5	1.8	1.1	.9	.2							5.5	6.5
SSE	1.1	2.7	2.2	.8	.2							6.9	7.0
S	1.0	4.9	6.3	1.9								14.1	7.5
SSW	1.2	.4	.2	.1								1.9	4.1
SW	.5	.2	.1	.1								1.0	4.9
WSW	.6	.6		.1								1.4	4.2
W	.5	1.2	.5	.5	.4							3.2	8.5
WNW	1.4	1.3	1.0	.2								3.9	5.3
NW	.8	.9	1.0	1.0	.3							3.9	6.4
NNW	1.8	1.4	1.5	.9								5.6	6.2
VARBL													
CALM												29.4	
	19.4	23.4	17.8	8.6	1.4							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12236
STATION

COLUMBUS AFB MS
STATION NAME

70, 73-81
YEARS

MAR
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	2.3	1.1	1.1								7.6	5.4
NNE	1.2	1.3	.5									3.0	4.4
NE	.9	1.0	.2									1.9	3.8
ENE	.9	1.1	.1									2.0	3.8
E	1.8	1.0	.2	.5								3.5	4.8
ESE	3.7	1.4	1.6	.5								7.2	4.9
SE	2.8	1.3	.9	.6	.1							5.7	5.5
SSE	1.7	4.3	1.7	.8	.1							8.6	5.9
S	1.4	3.3	3.1	.6								8.9	6.3
SSW	.6	1.2	.4	.2								2.5	5.4
SW	.5	.8	.2	.1								1.6	5.0
WSW	1.3	.4	.2									1.9	3.7
W	1.3	1.5	1.3	.4								4.5	5.9
WNW	1.1	1.0	1.1	.5								3.7	6.1
NW	.6	2.0	1.8	.5	.2							5.3	7.2
NNW	.8	1.6	1.7	1.1								5.2	7.2
VARBL													
CALM												26.8	
	23.7	25.8	16.2	7.1	.4							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1233.6
STATION

COLUMBUS AFB MS
STATION NAME

70, 73-81
YEARS

MAR
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.4	3.1	.3								7.6	6.1
NNE	1.2	1.3	.3									2.8	3.9
NE	1.2	1.2	.2									2.6	3.9
ENE	.6	.8	.3									1.7	4.9
E	2.0	1.4	.9	.1								4.4	4.4
ESE	3.4	2.6	1.4	.9	.2							8.5	5.5
SE	3.1	3.7	1.8	.9	.1	.1						9.7	5.9
SSE	1.5	3.9	2.3	.3								8.0	5.8
S	1.4	2.9	3.4	.8								8.5	6.5
SSW	.5	1.1	1.0									2.6	5.4
SW	.8	.4	.2									1.4	4.2
WSW	.6	.9	.8			.1						2.4	6.1
W	.3	1.0	1.5	.4								3.2	7.4
WNW	.4	1.1	2.0	.3	.1							4.0	7.4
NW	.9	1.0	1.1	.9	.1							3.9	7.4
NNW	.6	1.9	2.6	1.6	.2							7.0	8.5
VARBL													
CALM												21.8	
	20.1	27.7	22.9	6.5	.8	.2						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 930

1
2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7233.6
STATION

COLUMBUS AFB MS
STATION NAME

70.73-81
YEARS

MAP
NORTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	3.0	2.8	1.9	.3							9.0	8.1
NNE	.9	1.5	.9	.1	.1							3.5	5.7
NE	.6	1.2	.5									2.4	4.8
ENE	.5	1.3	1.0	.1								2.9	5.9
E	1.7	2.0	.6									4.4	4.4
ESE	2.2	2.5	1.6	.4	.3							7.0	6.0
SE	.6	2.6	2.4	2.4	.4	.1						8.5	8.8
SSE	1.3	2.0	3.2	1.6								8.2	7.5
S	1.8	3.8	5.3	2.8	.1							13.8	7.7
SSW	1.1	1.6	1.4	1.3								5.4	7.0
SW	.3	.9	.9	.9								2.9	7.7
WSW	.6	.9	1.0	.2								2.7	6.4
W	.4	1.5	2.0	1.5								5.5	8.5
WNW	.5	.8	1.4	2.6								5.3	9.4
NW	.6	.3	1.5	2.0	.3							4.8	9.8
NNW	1.4	1.4	3.0	1.5								7.3	7.6
VARBL													
CALM												6.5	
	15.7	27.3	29.5	19.4	1.6	.1						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7233.6

COLUMBUS AFB MS

70,73-81

MAR

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

1200-1400

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	3.4	2.5	1.4								8.4	7.0
NNE	.3	.4	1.0	.2								1.9	6.6
NE	.4	.2	.1									.8	3.6
ENE	.5	.4	.4	.1								1.5	5.5
E	1.1	1.1	1.1									3.2	5.2
ESE	1.3	1.9	1.2	.4	.1							4.9	5.7
SE	1.2	1.9	2.4	2.2	.5	.1						8.3	8.8
SSE	.6	1.9	3.0	2.9	.5							9.0	9.7
S	1.7	3.4	6.2	3.9	.4							15.7	8.5
SSW	1.0	1.8	2.2	1.0								5.9	7.0
SW	.3	1.1	1.1	.3								2.8	6.9
WSW	.6	.9	1.1	.9	.1							3.5	7.7
W	.9	1.4	2.3	1.7	.2							6.5	8.7
WNW	1.0	2.3	2.3	2.5	.4							8.4	8.7
NW	.3	1.1	1.3	2.3	.1							5.1	9.5
NNW	1.6	1.8	3.2	3.3	.3							10.3	8.6
VARBL													
CALM												3.8	
	14.0	25.2	31.2	23.0	2.8	.1						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS

930

CLERICAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

120316
STATION

COLUMBUS AFB MS
STATION NAME

70.73-81
YEARS

MAP
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	2.3	2.3	1.3								7.6	6.5
NNE	.6	1.0	.6	.1								2.4	5.6
NE	.1	.3	.1									.5	4.8
ENE	1.0	.4	.2									1.6	3.4
E	1.1	.9	.3	.2								2.5	4.9
ESE	.9	1.1	2.3	.5								5.1	7.0
SE	.2	2.6	2.5	1.7	.5							7.5	9.0
SSE	.5	2.9	3.4	2.2	.5							9.6	8.6
S	1.3	4.3	5.2	3.5	.3	.1						14.7	8.3
SSW	.5	.9	2.0	1.0								4.4	7.9
SW	.4	1.3	.4	.1								2.8	5.3
WSW	.6	1.7	1.5	.2								4.1	6.3
W	.8	1.6	1.7	1.2	.2							5.5	7.9
WNW	1.3	1.9	2.4	2.6								6.2	8.1
NW	.6	2.3	2.6	2.8	.3							8.6	8.8
NNW	.9	2.8	4.2	2.4	.2	.1						10.5	8.4
VARBL													
CALM												4.4	
	12.7	29.0	31.7	19.8	2.2	.2						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

723316
STATION

COLUMBUS AFB MS
STATION NAME

70,73-81
YEARS

MAR
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	2.6	1.7	1.0								7.3	6.0
NNE	1.0	.9	.5	.1								2.5	4.9
NE	.6	.5	.3									1.5	4.7
ENE	1.0	.3	.4									1.7	4.1
E	1.2	1.1	.4	.2								2.9	4.9
ESE	1.7	2.0	.5	.4								4.7	4.5
SE	1.8	4.9	1.3	1.5	.2		.1					9.9	6.7
SSE	1.9	4.0	2.3	1.6	.5	.1						10.4	7.4
S	2.8	2.7	3.1	1.3	.1	.1						10.1	6.5
SSW	.9	1.2	.2									2.3	4.0
SW	.5	.4										1.0	3.6
WSW	1.5	.2	.1	.1								1.9	3.2
W	1.6	1.1	1.0	.4								4.1	5.4
WNW	1.1	1.4	2.0	.6	.2							5.4	6.9
NW	2.3	1.4	1.8	.5								6.0	5.6
NNW	1.7	2.7	2.3	.9								7.5	6.5
VARBL													
CALM												20.8	
	23.7	27.4	18.1	8.7	1.1	.2	.1					100.0	4.8

TOTAL NUMBER OF OBSERVATIONS

930

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
ALL WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1233 A STATION COLUMBUS AFB MS 70.73-81 YEARS MONTH MAY 2100-2300 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	2.4	1.8	.6								6.7	4.9
NNE	.9	1.2	.8	.1								2.9	5.1
NE	.4	.5	.3									1.3	4.6
ENE	.8	.8	.2									1.7	4.0
E	1.2	1.1	1.0	.2	.2							3.7	6.4
ESE	1.7	1.9	.9	.4								4.9	5.2
SE	3.2	3.1	1.3	.4	.5							8.6	5.6
SSE	1.4	2.5	3.3	1.0	.4	.1	.1					8.8	7.8
S	1.8	3.0	4.6	2.2	.1	.1	.1					11.9	7.9
SSW	.3	.5	.2									1.1	5.9
SW	.6	.6	.1									1.4	3.8
WSW	.5	.2	.2	.1	.1							1.2	6.6
W	.8	.9	1.0	.4	.1							3.1	6.7
WNW	1.0	1.2	.9	.4	.1	.1						3.7	7.1
NW	1.4	1.4	.6	.5								4.0	5.4
NNW	.6	1.3	1.9	1.1	.2							5.2	8.2
VARBL													
CALM												27.8	
	20.5	22.6	18.9	7.7	1.8	.3	.2					100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 AFCTAC
 ALL WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7233-6 STATION COLUMBUS AFB MS 70.73-81 YEARS MAR MONTH
 ALL WEATHER CLASS ALL HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	2.7	2.2	1.1	.0							8.2	6.2
NNE	.9	1.1	.6	.1	.0							2.7	4.9
NE	.6	.7	.3									1.6	4.3
ENE	.7	.7	.4	.0								1.9	4.7
E	1.4	1.1	.6	.2	.0							3.4	5.1
ESE	2.1	2.0	1.3	.5	.1							6.0	5.5
SE	1.8	2.7	1.7	1.3	.3	.0	.0					8.0	7.1
SSE	1.3	3.0	2.7	1.4	.3	.0	.0					8.7	7.5
S	1.7	3.6	4.7	2.1	.1	.0	.0					12.2	7.6
SSW	.8	1.1	.9	.5								3.3	6.3
SW	.5	.8	.4	.2								1.9	5.6
WSW	.8	.7	.6	.2	.0	.0						2.4	5.8
W	.9	1.3	1.4	.8	.1							4.4	7.5
WNW	1.0	1.4	1.6	1.2	.1	.0						5.3	7.6
NW	.9	1.3	1.5	1.3	.2							5.2	7.8
NNW	1.2	1.9	2.6	1.6	.1	.0						7.3	7.8
VARBL													
CALM												17.6	
	18.7	26.1	23.3	12.6	1.5	.1	.0					100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

72.3.6 STATION COLUMBUS AFB MS STATION NAME 70.73-81 YEARS APR MONTH
ALL WEATHER CLASS 0000-0200 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.4	1.1	.1								3.7	4.5
NNE	.9	1.3	.2									2.4	3.9
NE	.6	.7	.1									1.3	4.2
ENE	.3	.2		.1								.7	5.0
E	.9	.7	.2									1.8	3.6
ESE	3.0	1.2	.6	.1								4.9	3.6
SE	.9	3.1	1.4	.9								6.3	6.2
SSE	.9	2.4	2.1	1.0								6.4	7.1
S	2.6	4.2	4.0	1.0								11.8	6.2
SSW	.7	.7	.6	.1								2.0	5.6
SW	.2	.2		.1								.6	5.8
WSW	.1	.1		.1								.3	7.0
W	.6	.9	.6	.1								2.1	5.9
WNW	.8	.9	.1	.6	.1							2.4	6.7
NW	1.1	.9	.4	.3								2.8	5.8
NNW	.9	1.0	.4	.7								3.0	6.4
VARBL													
CALM												47.4	
	16.3	19.0	11.9	5.2	.1							100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 900

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7233.6
STATION

COLUMBUS AFB MS

STATION NAME

70, 73-81

YEARS

APP

MONTH

ALL WEATHER

CLASS

0300-0500

MOUSE (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.2	1.2	.2								5.1	5.1
NNE	.8	.4	.2									1.4	4.1
NE	.4	.6										1.0	3.8
ENE	.8	.4										1.2	2.9
E	1.1	1.0	.4									2.6	4.2
ESE	2.6	1.9	.7	.2								5.3	4.4
SE	3.3	3.1	1.1	.2								7.8	4.3
SSE	1.0	1.3	2.8	.6								5.7	6.7
S	3.3	3.2	2.8	.7								10.0	5.4
SSW	.3	.9	.1									1.3	4.3
SW	1.0	.3	.1									1.4	3.1
WSW	.6	.4	.3									1.3	4.9
W	.9	.8	.3	.1	.1							2.2	4.9
WNW	.6	.3	.7	.2	.1	.1	.1					2.1	9.2
NW	.6	1.0	.3	.3	.1							2.3	6.7
NNW	.9	.8	.3	.2		.1						2.3	5.9
VARBL													
CALM												46.8	
	19.6	18.8	11.4	2.8	.3	.2	.1					100.0	2.8

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ALL WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1203 STATION COLUMBUS AFB MS 70.73-61 YEARS APR MONTH
0600-2800 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.2	1.3	.2								5.6	4.8
NNE	1.1	1.3	.6	.1								3.6	4.5
NE	1.3	.8	.4									2.6	4.1
ENE	.4	.4	.3									1.2	4.7
E	1.6	1.0	.3	.1								3.0	4.1
ESE	2.2	2.3	2.0	.2								6.8	5.2
SE	3.1	3.1	2.7	1.0	.1							10.0	5.9
SSE	1.7	2.4	2.7	.9								7.7	6.2
S	3.8	3.0	2.8	.6								10.1	5.1
SSW	1.9	1.0	.3	.1								3.3	3.5
SW	.8	.9	.4	.2								2.3	5.0
WSW	.7	1.2	.8	.1								2.8	5.1
W	.8	.4	.9	.4	.1							2.7	7.2
WNW	1.0	.7	.9	.4	.1	.1						3.2	7.6
NW	.9	.4	.7	.4	.2							2.7	7.3
NNW	.3	1.8	.3	.4	.1							3.0	6.9
VARBL													
CALM												29.6	
	23.3	23.6	17.4	5.3	.7	.1						100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 900

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

125306 COLUMBUS AFB MS 70,73-81 APR
STATION MONTH
ALL WEATHER CLASS 0900-1100
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	2.6	2.3	.2								7.3	5.6
NNE	1.1	1.3	.2									3.1	4.4
NE	.9	.8	.7	.1								2.3	5.0
ENE	1.3	1.2	.7	.1								3.3	4.7
E	2.0	1.9	.7									4.6	4.1
ESE	2.0	1.3	1.3	.2								4.9	5.2
SE	1.9	2.2	3.6	1.0	.2							8.9	7.3
SSE	1.2	2.9	3.1	1.9	.1							9.2	7.7
S	2.6	3.9	4.1	3.2	.3							14.1	7.6
SSW	1.7	1.8	2.0	.4	.1							6.0	6.0
SW	.8	1.6	1.2	.1								3.7	5.5
WSW	1.2	.3	2.4	.4	.1							5.0	7.1
W	1.7	1.6	3.0	1.0	.4							7.7	7.8
WNW	.6	.9	2.0	.9	.1							4.4	8.1
NW	.1	.4	1.0	.7		.1						2.3	9.2
NNW	1.0	2.4	1.3	1.2	.1							6.1	7.0
VARBL													
CALM												7.0	
	22.1	28.0	29.7	11.6	1.6	.1						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1233 STATION COLUMBUS AFB MS 70.73-81 YEARS APP MONTH 1200-1400 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.3	1.4	.6								6.2	5.6
NNE	1.0	2.1	.1	.1								3.2	4.4
NE	.6	.4	.1	.1								1.2	4.7
ENE	.7	1.0	.4									2.1	4.4
E	1.6	1.3	.6	.3								3.8	4.9
ESE	1.4	.7	1.4	.1								3.7	5.4
SE	1.1	2.4	2.2	1.7	.1							7.6	7.5
SSE	1.6	1.7	3.7	2.7	.3	.1						10.0	8.7
S	2.2	2.7	5.0	3.7	.7	.1						14.3	8.7
SSW	1.4	2.9	2.3	.8	.1	.1						7.6	6.7
SW	.6	1.2	1.4	.1								3.3	6.4
WSW	1.0	.2	2.2	.8								4.2	7.6
W	1.1	1.4	2.1	1.6	.2							6.4	8.2
WNW	.6	1.7	3.6	2.0								8.0	8.5
NW	.4	1.2	2.7	1.1								5.4	8.0
NNW	1.3	1.1	1.8	1.3	.4							6.0	8.2
VARBL													
CALM												6.9	
	13.7	24.2	31.1	16.9	1.9	.3						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 900

2
 GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 ALL WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

123316 STATION COLUMBUS AFB MS STATION NAME 70,73-81 YEARS APR MONTH
 1500-1700 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	3.1	3.6	.3								7.8	6.7
NNE	1.2	1.0	.3	.2								2.8	4.6
NE	.3	.9	.2									1.4	4.8
ENE	1.0	.7	.2									1.9	3.8
E	.9	1.3	.1	.2								2.6	4.6
ESE	.7	1.3	1.2	.1								3.3	5.9
SE	1.4	2.0	1.9	1.6		.1						7.0	7.4
SSE	1.1	2.9	5.2	1.4	.1							10.8	7.6
S	2.9	4.0	4.9	2.8	.3							14.9	7.4
SSW	2.3	2.1	1.8	.3								6.6	5.1
SW	1.8	1.6	.7	.1								4.1	4.6
WSW	1.1	1.1	1.0	.4								3.7	6.0
W	1.8	1.0	1.8	1.7								6.2	7.5
WNW	.9	1.6	2.0	2.7	.2							7.3	8.8
NW	.8	2.3	2.0	1.9	.1							7.1	7.6
NNW	1.0	2.2	2.6	.9								6.7	6.7
VARBL													
CALM												5.9	
	20.0	29.1	29.4	14.7	.8	.1						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1233.6 STATION COLUMBUS AFB MS STATION NAME 70.73-81 YEARS APP MONTHS 1800-2000 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	2.0	1.0	.1								4.9	4.8
NNE	1.3	.7	.3									2.3	3.6
NE	.6	.8										1.3	3.4
ENE	.4	.4	.6									1.4	5.4
E	1.2	.7	.1	.1								2.1	3.9
ESE	1.7	3.0	.9		.1							5.7	4.7
SE	2.0	5.8	1.7	.6								10.0	5.3
SSE	2.8	2.9	1.2	.7	.2							7.8	5.6
S	2.7	2.8	2.0	.9	.2	.1						8.7	6.2
SSW	1.6	.9	.3									2.8	3.9
SW	.8	.7		.1								1.6	3.6
WSW	1.6	1.1	.4									3.1	4.0
W	2.2	1.1	.6	.2								4.1	4.3
WNW	1.8	1.2	1.9	.3		.1						5.3	5.9
NW	1.8	2.4	.9	.1								5.2	4.7
NNW	1.4	1.9	1.3	.4								5.1	5.5
VARBL													
CALM												28.6	
	25.6	28.3	13.2	3.6	.6	.2						100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

723375
STATION

COLUMBUS AFB MS
STATION NAME

70,73-81
YEARS

APP
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.4	.7	.2								3.4	5.3
NNE	.7	.7	.6									1.9	4.8
NE	1.0	.3	.1									1.4	3.4
ENE	.4	.1	.2	.1								.9	5.1
E	1.1	.8	.3	.1								2.3	4.3
ESE	1.6	1.9	.4									3.9	3.8
SE	1.9	4.7	1.4	.3								8.3	5.2
SSE	1.9	1.9	3.3	1.7	.1	.1						9.0	7.4
S	3.6	1.8	3.2	1.1	.1							9.8	5.9
SSW	1.2	.6	.3	.1								2.2	4.7
SW	.6	.3	.2	.2								1.3	5.3
WSW	.4	.3	.1									.9	3.5
W	1.0	.4	.2		.1							1.8	4.8
WNW	1.3	1.2	.3	.3	.2							3.4	5.6
NW	1.0	1.4	.4									2.9	4.0
NNW	.8	.9	.2	.3								2.2	5.5
VARBL													
CALM												44.2	
	12.6	18.8	12.2	4.6	.6	.1						100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

123366
STATION

COLUMBUS AFB MS
STATION NAME

70.73-61
YEARS

APR
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	2.1	1.6	.2								5.5	5.4
NNE	1.0	1.2	.3	.1								2.6	4.3
NE	.7	.7	.2	.0								1.6	4.2
ENE	.7	.5	.3	.0								1.6	4.5
E	1.3	1.1	.3	.1								2.8	4.3
ESE	1.9	1.7	1.1	.1	.0							4.8	4.7
SE	2.0	3.3	2.0	.9	.1	.0						8.2	6.1
SSE	1.5	2.3	3.0	1.3	.1	.0						8.3	7.2
S	2.9	3.2	3.6	1.7	.2	.0						11.7	6.8
SSW	1.4	1.3	1.0	.2	.0	.0						4.0	5.3
SW	.8	.8	.5	.1								2.3	5.0
WSW	.8	.7	.9	.2	.0							2.7	6.0
W	1.2	1.0	1.2	.6	.1							4.2	6.8
WNW	1.0	1.1	1.4	.9	.1	.0	.0					4.5	7.7
NW	.8	1.3	1.1	.6	.1	.0						3.8	6.7
NNW	1.0	1.5	1.0	.7	.1	.0						4.3	6.7
VARBL													
CALM												27.0	
	20.6	23.7	19.6	8.1	.8	.2	.0					100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 7200

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1253.6
STATION

COLUMBUS AFB MS
STATION NAME

70.73-81
YEARS

MAY
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.6	1.3	.1								4.5	5.1
NNE	1.2	1.2	.3									2.7	3.8
NE	.3	.4	.4									1.2	4.5
ENE	.7	.5		.1								1.3	4.3
E	1.2	.5	.1									1.9	3.2
ESE	2.7	1.1	.5									4.4	3.4
SE	4.6	3.3	.9	.2								8.9	3.9
SSE	1.4	3.1	1.7									6.2	5.3
S	1.9	3.9	1.1	.1								7.0	4.6
SSW	1.4	.5										2.0	2.4
SW	.5	.8	.1									1.4	3.8
WSW	.3	.8		.1								1.2	4.8
W	.2	.4	.4	.1								1.2	6.1
WNW	.5	.2	.2	.1								1.1	4.4
NW	.7	.2	.4									1.3	4.5
NNW	.7	.3	.4	.1								1.5	5.4
VARBL													
CALM												52.3	
	19.7	19.0	8.1	1.0								100.0	2.1

TOTAL NUMBER OF OBSERVATIONS 918

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

72306
STATION

COLUMBUS AFB MS
STATION NAME

70.73-81
YEARS

MAY
MONTH
0300-0500
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	2.4	2.8	.5	.2								6.0	4.3
NNE	1.2	.7	.1									2.0	3.3
NE	.7		.3									1.0	3.4
ENE	.5	.1	.2									.9	3.8
E	1.3	1.4	.1									2.8	3.5
ESE	2.8	1.6	.7	.1								5.2	3.8
SE	2.1	3.1	1.3	.1								6.6	4.6
SSE	2.5	1.2	2.0									5.6	4.8
S	2.5	2.5	1.1	.3								6.4	4.8
SSW	1.1	.5										1.6	2.5
SW	.4	.3										.8	3.0
WSW	.9	.1										1.0	2.3
W	1.0	1.0	.3	.1								2.4	4.5
WNW	.7	.4	.2		.1							1.4	5.6
NW	1.1	1.1	.3									2.5	4.0
NNW	.9	.9	.7	.2								2.6	5.9
VARBL													
CALM												51.2	
	21.9	17.8	7.8	1.1	.1							100.0	2.1

TOTAL NUMBER OF OBSERVATIONS 921

2
1
FEDERAL CLIMATOLOGY BRANCH
USAFETAC
ATMOSPHERIC WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12.3 JF
STATION

COLUMBUS AFB MS

STATION NAME

70,73-81

YEARS

MAY

MONTH

ALL WEATHER

CLASS

3600-C800

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	2.5	1.5	.2								6.6	4.9
NNE	1.6	1.4	.6	.1								3.8	4.4
NE	1.0	.8	.1									1.8	3.4
ENE	1.6	.8	.4									2.8	3.6
E	2.3	1.8	.5	.1	.1							4.9	4.3
ESE	3.6	2.1	1.6	.1								7.4	4.2
SE	3.1	2.5	1.7	.3								7.7	4.8
SSE	2.4	2.8	2.1	.3								7.6	5.3
S	3.0	4.4	2.3	.2								9.9	4.9
SSW	2.3	.5	.9	.1								3.8	4.0
SW	1.1	1.0	.3									2.4	3.7
WSW	.9	.4	.5	.1								1.9	5.1
W	.8	1.6	.2	.1								2.7	4.7
WNW	.9	.9	.5	.2								2.5	5.3
NW	1.3	1.1	.3	.1								2.8	4.2
NNW	1.9	1.6	1.2	.2								5.0	5.1
VARBL													
CALM												26.5	
	30.1	26.2	14.9	2.3	.1							100.0	3.4

TOTAL NUMBER OF OBSERVATIONS

925

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12 3 16
STATION

COLUMBUS AFB MS
STATION NAME

70, 73-81
YEARS

MAY
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	3.6	2.8	.6								8.8	6.0
NNE	1.4	1.6	.8	.3								4.1	5.5
NE	.6	1.3	.5	.3								2.8	6.1
ENE	1.9	1.1	.1									3.1	3.2
E	1.8	3.0	.9	.1								5.8	4.7
ESE	1.5	2.2	1.4	.4								5.5	5.5
SE	1.4	2.0	2.3	.3								6.0	6.0
SSE	2.2	3.6	3.6	1.0								10.2	6.4
S	4.1	5.0	3.7	1.4								14.1	5.7
SSW	1.5	1.9	1.6	.2								5.3	5.7
SW	1.5	2.2	1.1	.2								5.0	5.3
WSW	1.7	2.7	.8	.3	.1							5.0	5.3
W	1.4	1.5	.5	.3	.2							4.0	5.5
WNW	1.4	1.5	1.5	.1								4.5	5.1
NW	.9	1.6	.5	.2								3.2	5.4
NNW	1.2	2.2	1.1	.4	.2							5.1	6.4
VARBL													
CALM												7.3	
	26.4	36.2	23.1	6.4	.5							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS

927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

2334
STATION

COLUMBUS AFB MS

STATION NAME

70,73-81

YEARS

MAY

MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	4.4	3.6	.3								10.1	5.9
NNE	.9	1.4	.9	.1								3.2	5.5
NE	1.0	.9	.8									2.6	5.0
ENE	1.6	1.6	.5	.2								4.0	4.6
E	1.7	1.3	1.2									3.5	5.4
ESE	1.3	1.9	1.4	.2								4.9	5.5
SE	1.1	1.5	2.5	1.1								6.1	7.2
SSE	1.7	2.9	3.8	1.0								9.4	6.9
S	2.8	5.1	5.4	1.6								14.9	6.5
SSW	2.2	2.4	3.2	.3	.1							8.2	6.0
SW	1.3	1.9	1.0	.4								4.5	5.9
WSW	1.1	1.0	1.4	.1								3.6	5.7
W	1.5	2.8	1.1	.2								5.6	5.4
WNW	1.4	2.2	.6	.6	.2							5.1	6.2
NW	.8	1.4	1.2	.6								4.0	6.4
NNW	.9	2.9	1.9	.5	.1							6.4	6.7
VARBL													
CALM												4.0	
	22.2	35.5	30.4	7.4	.4							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS

927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

72336 STATION COLUMBUS AFB MS 70.73-81 YEARS MAY MONTH
1500-1700 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	4.5	2.9	1.1								10.4	6.3
NNE	1.2	1.8	1.1	.2								4.3	5.2
NE	.9	1.4	1.1	.1								3.5	5.6
ENE	.9	.9	.4	.1								2.3	4.7
E	1.2	2.2	1.1	.1								4.5	4.9
ESE	1.3	1.5	1.0	.3								4.1	5.6
SE	1.7	2.2	2.4	.6								6.9	6.3
SSE	2.4	2.6	5.1	1.4								11.5	6.9
S	2.5	3.1	2.9	1.3								9.8	6.1
SSW	2.1	2.5	1.3	.1	.1							6.1	4.9
SW	1.3	1.9	.5									3.8	4.7
WSW	1.1	1.6	1.1	.4								4.2	5.9
W	1.7	2.2	1.6	.4								6.0	5.6
WNW	1.2	1.9	1.1	.8								5.0	6.2
NW	1.1	2.1	2.1	.4								5.6	6.1
NNW	.9	3.0	1.9	1.0	.1							6.9	6.9
VARBL													
CALM												5.1	
	23.2	35.5	27.6	8.4	.2							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 924

2

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

CONDITION

[illegible]

920

JOINT CLIMATE BRANCH
AFETAC
AF WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 12386 STATION NAME COLUMBUS AFB MS YEARS 70-73-81 MONTH MAY
CLASS ALL WEATHER HOURS (L & T) 2100-2300
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	2.2	1.4									6.2	4.6
NNE	.9	1.1	.2									2.2	4.0
NE	.7	1.2	.1									2.0	3.7
ENE	1.0	.1	.1									1.2	3.2
E	1.1	1.2	.1									2.4	3.6
ESE	3.2	2.5	.7									6.3	3.7
SE	3.7	5.0	1.0	.4								10.1	4.5
SSE	2.2	2.6	1.9	.3								7.0	5.4
S	1.9	1.5	1.1	.2								4.7	5.0
SSW	1.2	.7										1.9	2.7
SW	.4	.1										.5	2.6
WSW	.7	.3										1.0	2.8
W	.4	.4		.4								1.3	6.7
WNW	.5	.3	.5	.1								1.5	5.7
NW	.8	.2	.4									1.4	4.5
NNW	1.1	.3	.3	.2								2.0	4.8
VARBL													
CALM												48.4	
	22.2	19.8	7.8	1.7								100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 918

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

72300
STATION

COLUMBUS AFB MS

STATION NAME

70, 73-81

YEARS

MAY
MONTH

ALL WEATHER

CLASS

ALL

HOURS (L & V)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	3.1	2.0	.4								7.6	5.4
NNE	1.3	1.3	.5	.1								3.3	4.6
NE	.8	.9	.5	.1								2.2	4.7
ENE	1.2	.7	.3	.1								2.2	3.9
E	1.6	1.7	.6	.1	.0							3.9	4.3
ESE	2.5	1.8	1.0	.1								5.4	4.4
SE	2.5	3.2	1.6	.4								7.7	5.1
SSE	2.1	2.7	2.7	.5								8.1	5.9
S	2.8	3.5	2.3	.7								9.3	5.4
SSW	1.7	1.2	.9	.1	.0							3.9	4.6
SW	.9	1.1	.4	.1								2.5	4.7
WSW	1.0	.9	.5	.1	.0							2.5	5.0
W	1.0	1.4	.6	.2	.0							3.2	5.2
WNW	1.0	1.0	.7	.3	.0							3.0	5.7
NW	1.1	1.1	.7	.2								3.0	5.1
NNW	1.3	1.6	1.0	.4	.1							4.4	5.8
VARBL													
CALM												27.8	
	25.0	27.0	16.2	3.8	.2							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS

7380

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
47 WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

283 4 COLUMBUS AFB MS 70.73-81 JUN 0000-0200
STATION STATION NAME YEARS MONTH
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48	≥ 56	%	MEAN WIND SPEED
N	2.7	1.0	.2									3.9	3.0
NNE	1.7	.1	.2									2.0	2.9
NE	.3	.1										.4	2.3
ENE	.6	.1										.7	2.5
E	1.8	.6	.1									2.4	2.9
ESE	2.9	.9	.1									3.9	2.7
SE	5.8	3.1	.4									9.3	3.2
SSE	3.7	2.1	1.2	.1								7.1	4.1
S	4.2	2.9	.8									7.9	3.7
SSW	1.6	.7	.1									2.3	3.1
SW	.8	.6										1.3	3.2
WSW	.7	.2	.2	.1								1.2	4.5
W	2.0	.2		.1								2.3	2.9
WNW	.1	.2	.1		.1							.6	7.6
NW	1.2					.1						1.3	3.6
NNW	2.0	.6										2.6	2.3
VARBL													
CALM												50.7	
	31.9	13.3	3.6	.3	.1	.1						100.0	1.6

TOTAL NUMBER OF OBSERVATIONS 900

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7203 75 COLUMBUS AFB MS 70,73-81 JUN
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
0300-0500
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	2.2	.3									5.8	3.5
NNE	.9											.9	2.3
NE	.2	.1										.3	3.3
ENE	.7											.7	1.8
E	1.3	.7	.2									2.2	3.6
ESE	2.9	1.1		.1								4.1	2.7
SE	5.7	1.8	.3									7.8	2.9
SSE	3.9	1.4	.2									5.6	3.0
S	3.9	2.1	1.0	.2								7.2	3.9
SSW	1.4	1.2										2.7	3.0
SW	1.3	.1										1.4	2.5
WSW	.4	.1										.6	3.0
W	1.3	.3										1.7	2.4
WNW	.1	.2										.3	3.7
NW	.8	.1										.9	2.0
NNW	1.0	.4										1.4	2.7
VARBL													
CALM												56.4	
	29.1	12.0	2.1	.3								100.0	1.4

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23376 STATION COLUMBUS AFB MS 70.73-81 YEARS JUN MONTH
ALL WEATHER CLASS 0600-0800 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.7	2.4	1.1									7.2	4.1
NNE	3.0	1.2	.3									3.6	3.4
NE	1.2	.7	.1									2.0	3.4
ENE	.9	.7	.1									1.7	3.6
E	2.8	1.2	.1	.1								4.2	3.3
ESE	2.1	1.4	.4	.1								4.1	3.9
SE	2.9	2.6	1.2									6.7	4.1
SSE	4.1	2.6	.9	.1								7.7	3.8
S	4.6	4.3	.9	.1								9.9	3.9
SSW	3.6	2.6	.6	.1								6.8	3.5
SW	2.1	1.9	1.0									5.0	4.4
WSW	1.7	2.3	.3									4.3	4.3
W	1.3	2.2	.3									3.9	4.1
WNW	.9	.4										1.3	3.0
NW	.4	.7	.3									1.4	4.6
NNW	1.2	.4	.1									1.8	3.1
VARBL													
CALM												28.4	
	35.4	27.7	7.9	.6								100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 900

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7233-6
STATION

COLUMBUS AFB MS
STATION NAME

70, 73-81
YEARS

JUN
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.3	3.3	1.7	.3								8.7	4.8
NNE	1.7	1.1	.3	.4								3.6	4.8
NE	1.2	1.2	.4									2.9	4.2
ENE	1.4	.7										2.1	3.0
E	1.1	1.1	.4									2.7	4.0
ESE	1.6	.9	.9	.2								3.6	5.1
SE	1.3	2.1	1.3	.6								5.3	5.8
SSE	2.3	2.2	2.2	.1								6.9	5.3
S	5.3	4.1	2.9	.3								12.7	4.8
SSW	3.4	2.8	2.1	.3								6.7	4.9
SW	1.8	1.8	1.1	.1								4.8	4.8
WSW	1.8	3.6	2.3	.2								7.9	5.4
W	2.1	3.6	2.6	.3								8.6	5.5
WNW	.9	3.0	1.1									5.0	5.3
NW	.4	1.9	1.0	.1								3.4	5.6
NNW	.9	2.0	1.6	.2								4.7	5.7
VARBL													
CALM												8.7	
	30.7	35.3	22.0	3.3								100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

125315
STATION

COLUMBUS AFB MS
STATION NAME

70.73-81
YEARS

JUN
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	3.2	3.1	.6								8.4	6.2
NNE	1.7	1.8	1.1	.1								4.7	5.0
NE	1.3	.8	.2	.1								2.4	4.2
ENE	1.0	1.6	.3	.1								3.2	4.8
E	1.7	1.4	1.1	.1								4.3	4.5
ESE	1.0	1.1	.3	.2								2.7	4.9
SE	1.2	1.8	1.6	.3								4.9	5.7
SSE	1.9	2.7	2.1	.1								6.8	5.4
S	2.8	5.2	3.2	.7	.1							12.0	5.6
SSW	2.6	3.1	1.0	.1								6.8	4.4
SW	1.8	2.3	2.0	.1								5.9	5.0
WSW	1.4	2.3	2.4	.3								6.6	5.9
W	2.2	3.2	3.7	.1								9.2	5.5
WNW	1.7	2.1	2.0	.4								6.2	5.8
NW	.8	2.2	1.1	.4								4.6	5.9
NNW	1.9	2.3	2.3	.3								6.8	5.7
VARBL													
CALM												4.6	
	26.6	36.9	27.7	4.2	.1							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7236 STATION COLUMBUS AFB MS 70,73-81 YEARS JUN MONTH
1500-1700 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.8	4.6	2.9	.7								10.9	5.6
NNE	1.3	1.6	1.6	.1								4.6	5.4
NE	1.2	.9	.2	.1								2.4	4.1
ENE	2.2	1.0	.7	.1								4.0	4.1
E	1.3	1.1	.4		.1							3.0	4.8
ESE	1.2	.9	1.1	.3								3.6	5.6
SE	1.1	3.0	2.1	.1								6.3	5.5
SSE	1.0	3.1	2.9	.4								7.4	6.2
S	2.9	3.6	3.3	.3								10.3	5.5
SSW	2.1	3.1	1.3	.1								6.7	4.8
SW	1.4	2.7	1.3									5.4	5.1
WSW	1.1	2.9	1.8	.2								6.0	5.7
W	2.3	2.4	1.9	.3								7.0	5.3
WNW	1.3	2.1	.9	.2								4.6	5.2
NW	1.2	1.7	1.6									4.4	5.6
NNW	2.2	2.7	2.1	.1								7.1	5.1
VARBL													
CALM												6.2	
	26.9	37.4	26.1	3.2	.1							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723376
STATION

COLUMBUS AFB MS
STATION NAME

70.73-81
YEARS

JUN
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.9	2.2	1.6									7.7	4.1
NNE	2.1	1.8	.2	.1								4.2	3.8
NE	1.7	.7	.1									2.4	3.0
ENE	.8	.8	.1									1.7	3.7
E	2.4	1.7	.2									4.3	3.5
ESE	2.2	2.2	.2		.1							4.8	4.0
SE	3.6	3.4	1.1	.1								8.2	4.1
SSE	2.8	2.4	1.2	.2								6.7	4.7
S	4.1	3.1	.8	.2								8.2	4.0
SSW	3.2	1.2	.1	.1								4.7	3.1
SW	2.3	1.7	.6									4.6	3.8
WSW	1.4	.8										2.2	3.0
W	1.2	1.2		.1								2.6	3.8
WNW	.9	.6										1.4	3.3
NW	1.6	1.2	.2	.1								3.1	3.5
NNW	1.9	1.3	.7	.1								4.0	4.5
VARBL													
CALM												29.2	
	36.1	26.3	7.1	1.1	.1							100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 233 STATION NAME COLUMBUS AFB MS YEARS 70, 73-81 MONTH JUN
CLASS ALL WEATHER HOURS (L.S.T.) 2100-2300
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	.3	.6	.1								4.1	3.8
NNE	1.1	.8	.1									2.0	3.2
NE	.8	.2	.1									1.1	3.3
ENE	1.7	.4										2.1	2.7
E	1.3	.9	.1									2.3	3.3
ESE	3.0	1.3	.2									4.6	3.0
SE	5.1	5.2	1.1	.1								11.6	4.0
SSE	3.2	2.4	1.0	.1								6.8	3.9
S	3.8	2.4	1.1									7.3	3.9
SSW	1.1	.2	.3									1.7	3.5
SW	.7		.2									.9	3.4
WSW	.8	.2	.1	.1								1.2	4.3
W		.1	.1									.2	5.5
WNW	.4		.1									.6	3.0
NW	1.8	.2										2.0	2.2
NNW	.7	.4										1.1	3.3
VARBL													
CALM												50.4	
	28.1	15.8	5.2	.4								100.0	1.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF Weather Service/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1203.6
STATION

COLUMBUS AFB MS

STATION NAME

70.73-81

YEARS

JUN
MONTH

ALL WEATHER

CLASS

ALL

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.0	2.4	1.4	.2								7.1	4.6
NNE	1.6	1.2	.5	.1								3.2	4.2
NE	1.0	.6	.2	.0								1.8	3.7
ENE	1.2	.7	.2	.0								2.0	3.7
E	1.7	1.1	.3	.0	.0							3.2	3.8
ESE	2.1	1.2	.4	.1	.0							3.9	3.9
SE	3.3	2.9	1.2	.2								7.5	4.2
SSE	2.9	2.4	1.5	.2								6.9	4.6
S	3.9	3.5	1.8	.2	.0							9.4	4.5
SSW	2.4	1.9	.7	.1								5.0	4.1
SW	1.5	1.3	.8	.0								3.7	4.4
WSW	1.2	1.6	.9	.1								3.8	5.1
W	1.6	1.7	1.1	.1								4.4	4.9
WNW	.8	1.1	.5	.1	.0							2.5	5.1
NW	1.0	1.0	.5	.1		.0						2.7	4.7
NNW	1.5	1.3	.8	.1								3.7	4.7
VARBL													
CALM												29.3	
	30.6	25.6	12.7	1.7	.1	.0						100.0	3.1

TOTAL NUMBER OF OBSERVATIONS

7199

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

120306
STATION

COLUMBUS AFB MS
STATION NAME

70,73-81
YEARS

JUL
MONTH
0000-0200
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	.5										2.3	2.5
NNE	.6	.5	.1		.2							1.5	5.9
NE	1.0	.1										1.1	2.0
ENE	1.3	.2	.1									1.6	2.4
E	2.2	.8	.3	.2								3.4	3.8
ESE	3.3	.9	.1	.1								4.4	2.6
SE	4.5	1.5	.3	.1								6.5	3.2
SSE	3.3	1.2	.4									4.9	3.3
S	3.4	2.5	.2	.1	.2							6.5	3.9
SSW	.8	.5										1.3	2.8
SW	1.4											1.4	2.4
WSW	1.2	.1										1.3	2.1
W	1.6	.2										1.8	2.1
WNW	.4	.3										.8	2.9
NW	.6	.2										.9	2.4
NNW	1.0	.1	.1									1.2	3.2
VARBL													
CALM												59.2	
	28.4	9.7	1.7	.5	.4							100.0	1.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 12 300 STATION NAME COLUMBUS AFB MS YEARS 70.73-81 MONTH JUL
CLASS ALL WEATHER HOURS (L.S.T.) 0300-0500
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	.9	.1									3.5	2.7
NNE	.6	.4										1.1	3.0
NE	.6	.2										.9	2.6
ENE	1.1	.2	.2									1.5	3.1
E	1.6	.4	.3									2.4	3.3
ESE	2.5	.6	.1									3.2	2.7
SE	4.9	2.3										7.2	2.9
SSE	2.6	1.6										4.2	2.8
S	3.4	1.6	.2	.2								5.5	3.2
SSW	.5	.3	.1									1.0	3.4
SW	.4	.2										.6	3.0
WSW	1.2	.3										1.5	2.5
W	1.6	.2										1.8	1.9
WNW	.5	.1										.6	2.2
NW	.6	.3										1.0	2.6
NNW	1.0	.5										1.5	3.1
VARBL													
CALM												62.5	
	25.9	10.3	1.1	.2								100.0	1.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7213.6 STATION COLUMBUS AFB MS STATION NAME 70,73-81 YEARS JUL MONTH 0600-0800 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.4	2.7	.3									5.8	3.2
NNE	2.3	.4										2.5	2.3
NE	1.8	.3										2.2	2.4
ENE	1.1	.4										1.5	2.8
E	1.8	1.4	.6	.2								4.2	4.6
ESE	2.7	1.7	1.0	.2								5.6	4.5
SE	4.0	1.8	.1	.1								6.0	3.2
SSE	4.2	2.2	.3									6.7	3.2
S	5.2	2.5	.2									7.9	3.0
SSW	2.7	1.1	.1									3.9	2.9
SW	2.7	.8	.2	.1								3.8	3.1
WSW	1.7	1.1	.3	.1								3.2	4.1
W	3.8	1.7	.1									5.6	3.1
WNW	2.2	1.2										3.3	3.0
NW	2.0	.9	.1									3.0	3.0
NNW	1.6	.4										2.0	2.7
VARBL													
CALM												32.8	
	42.9	19.9	3.6	.8								100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ALL WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12304 STATION COLUMBUS AFB MS 70.73-81 YEARS JUL NORTH
ALL WEATHER CLASS 0900-1100 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.8	4.6	1.0	.3								9.7	4.3
NNE	2.5	1.2	.4									4.1	3.4
NE	.5	.3	.2									1.1	3.9
ENE	1.3	1.2	.2									2.7	3.7
E	2.5	1.1	.6	.3	.1							4.6	4.8
ESE	1.5	1.1	.2	.3	.1							3.2	5.1
SE	2.0	1.9	1.0	.1								5.1	4.8
SSE	1.9	2.6	1.0									5.5	4.4
S	3.9	3.9	.8									8.5	3.8
SSW	3.2	1.6	1.1									5.9	3.9
SW	3.1	2.0	.6									5.8	3.6
WSW	2.9	2.0	1.5	.1								6.6	4.6
W	3.4	4.4	1.7									9.6	4.4
WNW	3.1	2.9	1.1	.1								7.2	4.2
NW	1.8	2.3	.8									4.8	4.3
NNW	2.6	2.3	.5									5.4	3.8
VARBL													
CALM												10.3	
	42.1	35.4	12.7	1.3	.2							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 930

AD-A113 713

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2.
COLUMBUS AFB, MISSISSIPPI. REVISED UNIFORM SUMMARY OF SURFACE W--ETC(U)
FEB 82

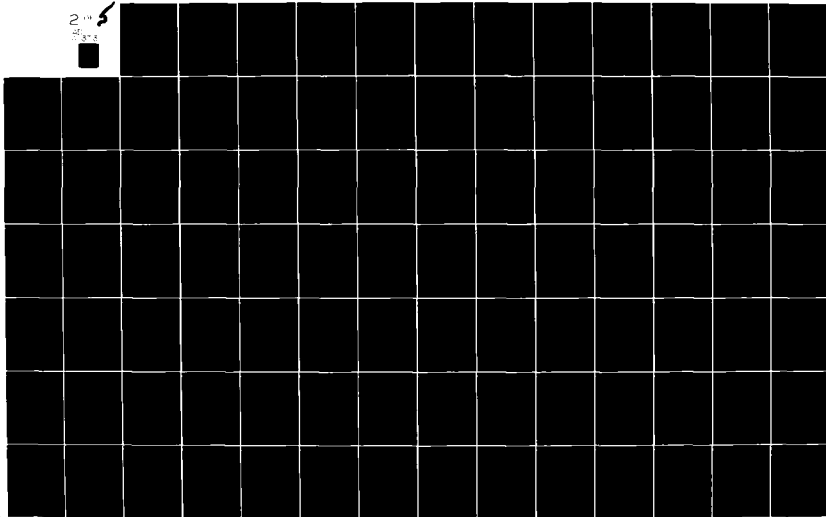
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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12-3-86 STATION COLUMBUS AFB MS STATION NAME 70,73-81 YEARS JUL MONTH
1200-1400 HOURS (L.S.T.)

ALL WEATHER

CLAS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.5	4.5	1.5	.3								9.9	4.6
NNE	1.4	2.7	.8		.1							4.9	4.8
NE	.8	1.2	.2									2.2	4.4
ENE	1.1	.5	.2	.2								2.0	4.5
E	1.4	1.5	.3	.2	.3							3.8	5.7
ESE	1.0	1.0	.8	.6	.1							3.4	7.0
SE	1.1	1.8	1.0	.1								4.0	5.2
SSE	1.7	1.7	.9	.1								4.4	4.6
S	3.2	2.9	1.5									7.6	4.4
SSW	2.8	3.2	.3									6.3	3.7
SW	1.6	1.6	.8	.1								4.1	4.6
WSW	3.2	3.9	1.9	.2								9.2	4.8
W	3.2	4.3	2.2	.3								10.0	5.1
WNW	2.6	3.7	2.0	.2								8.5	5.0
NW	1.4	3.5	1.2									6.1	4.9
NNW	2.4	3.5	1.9	.3								8.2	5.1
VARBL													
CALM												5.3	
	32.4	41.6	17.4	2.8	.5							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

122316
STATION

COLUMBUS AFB MS
STATION NAME

70.73-81
YEARS

JUL
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	5.7	2.6	.5	.1							11.1	5.7
NNE	1.7	2.7	.5	.2	.1							5.3	4.9
NE	1.1	.8	.2	.2								2.3	4.4
ENE	.8	1.1	.6	.4								2.9	6.4
E	1.2	1.4	.6	.4								3.7	6.0
ESE	.6	1.1	1.0	.6	.1							3.4	7.7
SE	1.2	2.0	1.3	.5	.1							5.2	6.0
SSE	1.8	1.8	1.0	.1								4.7	4.8
S	4.2	5.4	1.5									11.1	4.3
SSW	2.4	2.4	.6	.2	.1							5.7	4.7
SW	1.6	1.7	.8	.1								4.2	4.5
WSW	2.0	2.6	1.5	.1								6.2	5.0
W	3.1	4.5	1.2	.2								9.0	4.7
WNW	2.0	3.0	2.7	.1								7.8	5.4
NW	.8	2.3	.9	.1								4.5	5.2
NNW	1.4	2.7	1.9	1.0	.1							7.1	6.6
VARBL													
CALM												5.8	
	28.1	41.6	18.9	4.9	.6							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 123356 STATION NAME COLUMBUS AFB MS YEARS 70, 73-81 MONTH JUL NORTH
CLASS ALL WEATHER 1800-2000
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.1	2.2	.5	.1								6.9	3.7
NNE	1.9	.9	.2	.3								3.3	4.0
NE	1.6	.5	.1									2.3	3.1
ENE	1.5	.4	.3	.2								2.5	4.0
E	3.2	.9	.5	.1								4.7	3.5
ESE	2.0	1.7	.4	.2								4.4	4.0
SE	2.0	2.5	1.0	.4								5.9	5.1
SSE	2.4	2.3	.9									5.5	4.3
S	6.1	2.7	1.3									10.1	3.5
SSW	2.6	1.3	.1									4.0	3.2
SW	1.7	.8	.3	.2								3.0	3.9
WSW	2.9	1.6	.1									4.6	3.2
W	2.3	1.3	.1		.1							3.8	3.5
WNW	2.2	1.2	.1									3.4	3.3
NW	1.9	1.5	.1	.1	.1							3.8	4.1
NNW	1.7	.9	.3	.2								3.1	4.6
VARBL													
CALM												28.7	
	40.2	22.5	6.5	1.9	.2							100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723306
STATION

COLUMBUS AFB MS

STATION NAME

70.73-81

YEARS

JUL

MONTH

ALL WEATHER

CLASS

2100-2300

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	.9	.1	.2								2.9	4.0
NNE	1.2	.2	.1									1.5	3.0
NE	1.4	.2	.1									1.7	2.4
ENE	1.2	.1	.1									1.4	2.5
E	1.6	.4	.9	.1								3.0	4.6
ESE	3.2	.9	.4									4.5	3.3
SE	3.0	2.8	1.0	.3	.1							7.2	4.5
SSE	1.8	1.9	.6		.2	.1						4.7	5.1
S	3.9	1.8	.5									6.2	3.3
SSW	1.6	1.2		.1								2.9	3.5
SW	1.4	.5										1.9	2.9
WSW	.9	.4										1.3	3.1
W	1.6	.5										2.2	2.5
WNW	1.0	.1										1.1	2.3
NW	1.0	.3										1.3	2.5
NNW	1.0	.2										1.2	2.8
VARBL													
CALM												54.9	
	27.4	12.6	3.9	.8	.3	.1						100.0	1.6

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

723336
STATION

COLUMBUS AFB MS
STATION NAME

70,73-81
YEARS

JUL
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.9	2.7	.8	.2	.0							6.5	4.2
NNE	1.5	1.1	.3	.1	.1							3.0	4.1
NE	1.1	.5	.1	.0								1.7	3.3
ENE	1.2	.5	.2	.1								2.0	4.0
E	1.9	1.7	.6	.2	.1							3.7	4.6
ESE	2.1	1.1	.5	.3	.0							4.0	4.5
SE	2.8	2.1	.7	.2	.0							5.9	4.2
SSE	2.5	1.9	.6	.0	.0	.0						5.1	4.0
S	4.2	2.9	.8	.0	.0							7.9	3.7
SSW	2.1	1.5	.3	.0	.0							3.9	3.7
SW	1.7	1.0	.3	.1								3.1	3.7
WSW	2.0	1.5	.7	.1								4.2	4.2
W	2.6	2.2	.7	.1	.0							5.5	4.1
WNW	1.7	1.6	.7	.1								4.1	4.4
NW	1.3	1.5	.4	.0	.0							3.2	4.2
NNW	1.6	1.3	.6	.2	.0							3.7	4.7
VARBL													
CALM												32.5	
	33.2	24.2	8.2	1.7	.3	.0						100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

72306 STATION COLUMBUS AFB MS STATION NAME 70.73-81 YEARS AUG MONTH
ALL WEATHER CLASS 0000-0200 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.3	2.3		.1								5.7	3.3
NNE	1.0											1.0	2.1
NE	.6											.6	2.0
ENE	.8											.8	2.0
E	2.8	.6										3.4	2.6
ESE	4.4	1.5	.2									6.1	2.8
SE	4.6	1.4	.2	.3								6.6	3.2
SSE	3.7	1.8	.1	.1								5.7	3.1
S	4.1	1.6	.1	.1								5.9	3.1
SSW	.9	.3										1.2	3.0
SW	.6											.6	1.8
WSW	.2											.2	1.0
W		.1										.1	4.0
WNW	.3	.1										.4	2.8
NW	.4	.1										.5	2.2
NNW	1.3	.8										2.0	3.1
VARBL													
CALM												59.0	
	29.1	10.7	.6	.6								100.0	1.2

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

72301 STATION COLUMBUS AFB MS 70.73-81 YEARS AUG MONTH
0300-0500 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.1	1.4	.2									7.1	2.8
NNE	2.0	.2										2.3	2.0
NE	.3											.3	1.0
ENE	.8	.1										.9	1.9
E	1.7	.4										2.2	2.4
ESE	3.9	.9	.1									4.8	2.5
SE	5.5	1.2		.3								7.0	2.9
SSE	1.8	1.0	.3									3.1	3.5
S	2.8	1.4										4.2	2.7
SSW	.4	.2										.6	2.7
SW	.4											.4	1.8
WSW	.1											.1	2.0
W	.4	.1										.5	2.4
WNW	.4	.1										.5	3.0
NW	1.0											1.0	2.0
NNW	2.0	.4										2.5	2.3
VARBL													
CALM												62.5	
	28.7	7.8	.6	.3								100.0	1.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7233-6 STATION COLUMBUS AFB MS 70.73-81 YEARS AUG MONTH
ALL WEATHER CLASS 0600-0800 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.7	3.0	1.0									7.6	3.7
NNE	2.6	.6	.4									3.7	2.8
NE	1.5											1.5	1.9
ENE	1.3	.3										1.6	2.3
E	3.2	.9	.1									4.2	2.5
ESE	5.9	1.9	.6									8.5	3.1
SE	4.3	2.8	.5	.3								8.0	4.0
SSE	3.5	1.9	.2									5.7	3.0
S	4.1	1.9	.3									6.3	3.1
SSW	3.1	1.2	.1									4.4	2.5
SW	1.5	.5	.1									2.2	2.8
WSW	.8	.3	.2									1.3	3.5
W	1.3	.8	.1									2.2	3.5
WNW	.8	.2										1.0	2.4
NW	.5	.3										.9	2.8
NNW	1.8	.9										2.7	3.0
VARBL													
CALM												38.4	
	39.9	17.6	3.8	.3								100.0	1.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

720316
STATION

COLUMBUS AFB MS

STATION NAME

70, 73-81

YEARS

AUG

MONTH

ALL WEATHER

CLASS

0900-1100

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.3	3.3	1.8	.3								9.8	4.5
NNE	2.3	1.7	.2									4.2	3.5
NE	1.2	.8	.3									2.3	3.5
ENE	1.5	.8	.4									2.7	3.9
E	2.9	1.6	.2	.1								4.8	3.3
ESE	2.2	2.2	1.0	.1								5.4	4.2
SE	2.2	2.0	.6	.2								5.1	4.3
SSE	4.4	2.9	.6	.2								8.2	3.8
S	5.5	3.5	1.4									10.4	3.7
SSW	2.5	3.1	.3	.1								6.0	3.8
SW	2.2	1.7	.6	.1								4.6	4.0
WSW	3.0	1.8	.8									5.6	3.9
W	3.2	2.3	.8									6.2	3.7
WNW	2.2	1.2	.4									3.8	3.5
NW	2.6	1.0	.2									3.8	3.0
NNW	2.0	2.6	.1	.1								4.8	3.8
VARBL													
CALM												12.4	
	44.0	32.5	9.9	1.3								100.0	3.4

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12336 STATION COLUMBUS AFB MS 70.73-81 YEARS AUG NORTH
ALL WEATHER CLASS 1200-1400 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.0	4.3	2.8	.5								10.6	5.5
NNE	1.7	1.5	1.1	.1								4.4	4.8
NE	.8	1.2	.1	.1								2.2	4.4
ENE	1.9	1.3	.2	.1								3.5	3.6
E	1.4	1.1	.5	.1								3.1	4.3
ESE	2.2	1.9	1.1	.1								5.3	4.6
SE	1.8	1.9	.6	.3								4.7	4.7
SSE	2.6	2.0	.9	.3								5.8	4.7
S	2.9	4.0	2.2	.2								9.2	5.0
SSW	2.4	3.8	1.4									7.5	4.6
SW	1.9	2.7	1.4	.3								6.3	5.0
WSW	3.2	1.8	1.3	.1								6.5	4.4
W	3.8	3.0	1.2	.3								8.3	4.3
WNW	1.5	1.2	.9	.1								3.7	4.9
NW	1.3	2.3	.9		.1							4.5	4.7
NNW	2.2	3.1	1.5	.9								7.6	5.6
VARBL													
CALM												6.7	
	34.5	37.1	18.0	3.7	.1							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
AFETAC
ATC WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7236
STATION

COLUMBUS AFB MS

STATION NAME

70,73-81

YEARS

AUG

MONTH

ALL WEATHER

CLASS

1500-1700

HOURLY (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.5	4.8	2.2	.9								11.4	5.2
NNE	2.2	1.6	1.1	.1								4.9	4.4
NE	1.6	1.9	.5									4.1	4.2
ENE	1.6	1.3	.5	.4								3.9	5.1
E	2.2	1.7	1.0	.1	.1							5.1	4.9
ESE	1.3	1.5	1.6	.1								4.5	5.5
SE	1.2	2.1	1.5	.1								4.8	5.3
SSE	1.6	2.3	1.9									5.8	5.5
S	4.1	3.8	2.3	.3	.1							10.5	4.9
SSW	2.8	3.7	1.2									7.6	4.4
SW	2.0	2.6	.3									4.9	3.8
WSW	2.2	2.3	.1	.1								4.6	3.9
W	2.0	1.6	1.1	.3								5.1	5.0
WNW	1.8	1.3	.6	.2								4.0	4.3
NW	1.4	1.4	.8	.2								3.8	5.1
NNW	1.5	3.5	2.2	.3								7.5	5.5
VARBL													
CALM												7.4	
	33.0	37.3	18.8	3.2	.2							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS

930

2
 CENTRAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12-3-81 STATION COLUMBUS AFB MS STATION NAME 70-73-81 YEARS AUG MONTH 1800-2000 HOURS (LST)

ALL WEATHER
 CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.3	2.3	.4	.1								7.1	3.6
NNE	2.7	.5	.1	.1								3.5	3.0
NE	1.5	.6	.3									2.5	3.5
ENE	1.7	.9										2.6	3.1
E	3.6	1.0	.6	.1								5.3	3.7
ESE	3.2	2.9	.6	.1	.1	.1						7.1	4.3
SE	2.9	2.8	.6									6.4	3.9
SSE	3.1	1.7	.2	.1								5.2	3.3
S	4.6	2.8	.5									8.0	3.4
SSW	2.2	.4	.2	.1								3.3	3.7
SW	1.1	.6										1.7	2.9
WSW	.6	.6	.1									1.4	3.5
W	1.2	.3	.1		.1							2.2	4.3
WNW	1.2	.2										1.4	2.2
NW	1.7	.3	.1									2.2	2.7
NNW	2.9	1.3	.3									4.4	3.4
VARBL													
CALM												35.8	
	38.5	20.3	4.4	.6	.2	.1						100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

120304
STATION

COLUMBUS AFB MS

STATION NAME

70,73-81

YEARS

AUG

MONTH

ALL WEATHER

CLASS

2100-2300

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.6	1.3	.4									6.4	3.1
NNE	1.4	.2		.1								1.7	2.8
NE	.8	.3										1.1	2.5
ENE	.8	.5	.1									1.4	3.5
E	1.7	.8		.1								2.6	3.1
ESE	4.7	1.4	.3									6.5	3.0
SE	5.1	3.7	.8									9.5	3.5
SSE	3.6	2.0	.1	.1								5.8	3.3
S	3.1	1.7	.6									5.5	3.6
SSW	1.5	.2										1.7	2.1
SW	.4	.1										.5	2.6
WSW	.8											.8	2.0
W	.2	.1	.1									.4	4.5
WNW	.1											.1	2.0
NW	.8	.5										1.3	2.8
NNW	1.2	.2		.1								1.5	3.1
VARBL													
CALM												53.2	
	30.7	13.2	2.5	.4								100.0	1.5

TOTAL NUMBER OF OBSERVATIONS

927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

122304 STATION COLUMBUS AFB MS 70.73-81 YEARS AUG MONTH
ALL WEATHER CLASS ALL HOURS (L & T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.0	2.9	1.1	.2								6.2	4.2
NNE	2.0	.8	.4	.1								3.2	3.5
NE	1.0	.6	.2	.0								1.8	3.5
ENE	1.3	.6	.2	.1								2.2	3.6
E	2.4	1.0	.3	.1	.0							3.8	3.5
ESE	3.5	1.8	.7	.1	.0	.0						6.0	3.7
SE	3.4	2.2	.6	.2								6.5	3.9
SSE	3.0	2.0	.6	.1								5.7	3.8
S	3.9	2.6	.9	.1	.0							7.5	3.9
SSW	2.0	1.7	.4	.0								4.1	3.8
SW	1.3	1.0	.3	.1								2.7	3.9
WSW	1.4	.9	.3	.0								2.6	3.9
W	1.5	1.1	.4	.1	.0							3.1	4.2
WNW	1.0	.5	.2	.0								1.9	3.8
NW	1.2	.7	.2	.0	.0							2.2	3.7
NNW	1.9	1.6	.5	.2								4.1	4.3
VARBL													
CALM												34.4	
	34.8	22.1	7.3	1.3	.1	.0						100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 7433

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

123304
STATION

COLUMBUS AFB MS
STATION NAME

69-70, 73-80
YEARS

SEP
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	0.5	1.9	1.1	.1								9.6	3.4
NNE	1.3	.3	.4									2.1	3.7
NE	.7	.8	.2									1.7	4.0
ENE	.7	.4										1.1	3.4
E	3.3	1.4	.3									5.1	3.0
ESE	4.2	2.9	.3									7.5	3.3
SE	2.7	2.3	.1									5.1	3.2
SSE	2.3	1.3	.4	.3								4.4	4.3
S	1.4	1.6										3.0	3.4
SSW	.2	.1										.3	3.0
SW	.1	.1	.1									.3	4.7
WSW	.4	.2										.7	2.8
W	.4	.4	.1									1.0	3.8
WNW	.4	.3	.2									1.0	4.3
NW	.2	.1	.3									.7	5.8
NNW	2.1	.8	.6									3.4	3.7
VARBL													
CALM												52.9	
	27.1	15.1	4.3	.4								100.0	1.7

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7233.5 STATION COLUMBUS AFB MS 69-70, 73-80 YEARS SEP MONTH
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.1	3.4	.6	.1								9.2	3.6
NNE	1.3	.6	.2	.2								2.3	4.2
NE	.8	.4										1.2	2.8
ENE	1.7	.4										2.1	2.5
E	2.9	1.0	.7	.1								4.7	3.8
ESE	3.1	1.3	.3									4.8	3.2
SE	3.1	1.6	.1									4.8	3.1
SSE	1.3	.8	.2	.1								2.4	3.7
S	1.6	1.4	.7									3.7	4.2
SSW	.4	.2										.7	3.0
SW	.1	.1										.2	2.5
WSW													
W	.2	.3										.6	3.4
WNW	.4	.6	.4									1.4	5.2
NW	1.9	.6										2.4	2.4
NNW	3.2	.8	.9									4.9	3.5
VARBL													
CALM												54.6	
	27.2	13.6	4.1	.6								100.0	1.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1233 6
STATION

COLUMBUS AFB MS
STATION NAME

69-70, 73-80
YEARS

SEP
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.1	4.8	1.8	.6								13.2	4.5
NNE	2.0	1.8	.3	.2		.1						4.4	4.7
NE	1.3	1.1										2.4	3.0
ENE	1.9	1.2	.4									3.6	3.8
E	3.7	1.9	.8	.1								6.4	3.7
ESE	3.4	3.8	1.3									8.6	4.2
SE	3.7	2.6	.6									6.8	3.7
SSE	2.3	2.0	.7									5.0	3.8
S	2.7	1.2	.6									4.4	3.5
SSW	.2	1.1	.2									1.6	5.0
SW	.7	.3										1.0	2.9
WSW	.1	.1										.2	3.5
W	.6		.1									.7	2.7
WNW	.4	.4										.9	3.5
NW	1.0	.6	.7									2.2	4.5
NNW	2.4	1.0	.9									4.3	4.1
VARBL													
CALM												34.2	
	32.6	23.9	8.3	.9		.1						100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723316
STATION

COLUMBUS AFB MS
STATION NAME

69-70.73-80
YEARS

SEP
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	2.6	5.1	3.1	.6								11.3	5.6
NNE	2.9	3.1	1.1	.4								7.6	4.6
NE	1.2	.9	.7	.2								3.0	4.8
ENE	1.7	2.7	1.4									5.8	4.9
E	3.1	2.4	2.0	.1								7.7	4.7
ESE	2.2	2.0	2.7	.6								7.4	5.8
SE	1.8	3.4	2.3	.4								8.0	5.7
SSE	2.6	2.4	.9	.3								6.2	4.5
S	2.6	4.0	1.9									8.4	4.8
SSW	2.3	2.6	.6									5.4	4.0
SW	.6	.7	.6									1.8	4.9
WSW	.9	.8	.6	.2								2.4	5.0
W	1.0	1.1	.7									2.8	4.2
WNW	.3	.7	.3									1.3	4.7
NW	.8	1.9	.9	.1								3.7	5.2
NNW	2.3	1.9	1.9	.3								6.3	5.3
VARBL													
CALM												10.8	
	29.8	35.6	21.6	3.3								100.0	4.5

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7233 E
STATION

COLUMBUS AFB MS
STATION NAME

69-70, 73-80
YEARS

SEP
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.4	6.6	4.1	.8								14.9	5.6
NNE	1.7	2.6	1.4									5.7	4.8
NE	1.7	1.8	1.1									4.6	4.7
ENE	1.1	2.6	.8	.1								4.6	5.0
E	1.2	2.0	1.7	.1								5.0	5.6
ESE	1.9	1.6	2.4	.7								6.6	6.2
SE	1.6	2.0	2.2		.1							5.9	6.0
SSE	1.9	2.3	2.0	.2								6.4	5.3
S	2.6	2.9	2.6	.3								8.3	5.4
SSW	1.2	3.7	1.6	.1								6.6	5.2
SW	.8	1.6	.6									2.9	4.8
WSW	.7	1.0	.6									2.2	4.9
W	2.0	1.0	1.0		.1							4.1	4.5
WNW	1.0	.9	.7	.2								2.8	5.2
NW	1.4	2.6	1.3		.1							5.4	5.3
NNW	1.4	3.6	3.1	.6								8.7	6.2
VARBL													
CALM												5.4	
	25.6	38.4	27.1	3.1	.3							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

72036 STATION COLUMBUS AFB MS 69-70, 73-80 YEARS SEP MONTH 1500-1700 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	4.5	6.6	4.8	1.0								16.8	5.6
NNE	2.4	2.3	1.6									6.3	4.6
NE	1.3	1.2	1.1	.1								3.8	5.0
ENE	2.6	2.1	.8	.1								5.6	4.4
E	2.4	2.8	1.6	.2								7.0	4.7
ESE	1.0	2.1	1.4	.1								4.7	5.6
SE	1.2	2.0	1.9									5.1	5.4
SSE	.8	3.5	1.6	.2								6.0	5.8
S	2.3	4.7	.9									7.9	4.6
SSW	1.6	1.9	.9									4.3	4.5
SW	.7	1.4	.1									2.2	4.2
WSW	1.2	1.1	.7									3.0	4.7
W	1.1	1.3	.4	.2								3.1	4.8
WNW	1.6	.9	.4	.2	.1							3.2	5.1
NW	1.2	2.6	1.0	.1								4.9	5.1
NNW	3.0	4.3	2.6	.4								10.4	5.4
VARBL													
CALM												5.6	
	29.0	40.9	21.7	2.8	.1							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 898

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

7233 6
STATION

COLUMBUS AFB MS
STATION NAME

69-70, 73-80
YEARS

SEP
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.8	3.6	2.1									11.4	4.1
NNE	1.9	1.1	.1									3.0	3.2
NE	2.0	1.1	.1									3.2	3.3
ENE	1.8	.9	.3	.1	.1							3.2	4.7
E	3.7	1.6	.2	.1								5.6	3.4
ESE	2.9	1.4	.9	.1								5.3	4.0
SE	2.8	2.6	.2	.1								5.7	3.9
SSE	1.4	2.1	.7									4.2	4.4
S	1.9	1.6	.8	.1								4.3	4.4
SSW	.3	.2	.1									.7	3.5
SW	.6	.1	.1									.8	3.1
WSW	.3	.3	.1									.8	4.4
W	.7	.3	.3									1.3	4.0
WNW	1.1	.4	.2	.1								1.9	4.0
NW	1.8	1.0	.4	.2								3.4	4.2
NNW	3.6	1.7	.1	.1	.1							5.6	3.6
VARBL													
CALM												39.6	
	32.3	20.0	6.9	1.0	.2							100.0	2.4

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12-3-6 STATION COLUMBUS AFB MS STATION NAME 69-70, 73-80 YEARS SEP NORTH
ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	.4	.8	.7									10.9	3.6
NNE	1.8	.7	.1									2.6	3.1
NE	1.2	.2	.3									1.8	3.6
ENE	1.1	.8	.1		.1							2.1	4.1
E	2.7	1.8	.1									4.6	3.2
ESE	2.1	1.0	.7	.1								4.8	4.3
SE	2.8	3.2	.1	.2								6.3	3.8
SSE	1.0	1.2	.6									2.8	4.5
S	.8	2.1	.7									3.6	4.9
SSW	.1	.3	.2									.7	4.8
SW			.1									.1	7.0
WSW		.3										.3	5.0
W	.4	.2	.1									.8	3.4
WNW	.6	.3	.2									1.1	3.8
NW	.8	.1	.4	.1								1.4	5.2
NNW	1.4	.4	.7	.1								2.7	4.8
VARBL													
CALM												53.6	
	22.2	18.4	5.1	.6	.1							100.0	1.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATMOSPHERIC WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1273.6 STATION COLUMBUS AFB MS 69-70,73-80 YEARS SEP MONTH
ALL WEATHER CLASS ALL HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.9	4.6	2.3	.4								12.2	4.6
NNE	1.2	1.6	.7	.1		.0						4.3	4.3
NE	1.3	.9	.4	.0								2.7	4.1
ENE	1.6	1.4	.5	.0	.0							3.5	4.4
E	2.9	1.9	.9	.1								5.8	4.1
ESE	2.6	2.1	1.3	.2								6.2	4.6
SE	2.4	2.5	.9	.1	.0							6.0	4.4
SSE	1.7	2.0	.9	.2								4.7	4.7
S	2.0	2.4	1.0	.1								5.5	4.6
SSW	.8	1.3	.4	.0								2.5	4.5
SW	.4	.5	.2									1.2	4.3
WSW	.5	.5	.2	.0								1.2	4.6
W	.8	.6	.3	.0	.0							1.8	4.2
WNW	.7	.6	.3	.1	.0							1.7	4.7
NW	1.1	1.2	.6	.1	.0							3.0	4.7
NNW	2.4	1.9	1.3	.2	.0							5.8	4.8
VARBL													
CALM												32.1	
	28.1	25.7	12.4	1.6	.1	.0						100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 7197

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 12306 STATION NAME COLUMBUS AFB MS YEARS 69-70, 73-80 MONTH OCT
CLASS ALL WEATHER HOURS (L.S.T.) 0000-0200
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.9	3.7	2.3	.2								10.0	4.7
NNE	1.2	1.0	.3									2.5	3.8
NE	.3											.3	1.7
ENE	.8											.8	1.9
E	.9	.8			.1							1.7	3.9
ESE	1.7	2.6	.4	.1	.1							4.9	4.7
SE	2.2	2.0	1.3		.1							5.6	5.1
SSE	1.2	2.6	.4	.3								4.5	5.0
S	.9	1.0	.8									2.6	4.8
SSW	.1	.4										.5	4.4
SW	.1	.1										.2	3.5
WSW	.1	.3	.1									.5	5.8
W	.1	.2	.1									.4	4.5
WNW	.5	.6	.2									1.4	4.5
NW	.5	.9	.4	.3								2.2	6.2
NNW	2.6	1.6	1.7	.2								6.1	5.0
VARBL													
CALM												55.7	
	17.0	17.7	8.1	1.2	.3							100.0	2.1

TOTAL NUMBER OF OBSERVATIONS 930

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12 3 4 COLUMBUS AFB MS 69-70, 73-80 OCT
 STATION STATION NAME YEARS MONTH
 ALL WEATHER
 CLASS
 0300-0500
 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.9	4.2	1.9	.1								10.1	4.5
NNE	.9	.6	.1									1.6	3.5
NE	.1	.2										.3	4.7
ENE	.6		.1									.8	3.3
E	2.2	.5	.3									3.0	3.1
ESE	2.4	1.6	1.6	.1								5.7	4.8
SE	3.5	1.8	.8	.5								6.7	4.5
SSE	1.7	1.9	.6									4.2	4.2
S	.5	1.1	.5	.3								2.5	6.1
SSW	.1		.1									.2	4.5
SW		.1										.1	4.0
WSW	.3	.1										.4	2.8
W	.2	.4										.6	3.8
WNW	.8	1.3	.5	.1								2.7	5.2
NW	.8	.6	.6	.2								2.3	5.5
NNW	3.5	2.3	1.4	.5								7.7	4.9
VARBL													
CALM												51.1	
	21.5	16.8	8.7	1.9								100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
47 WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

2-3 STATION COLUMBUS AFB MS 69-70,73-63 YEARS OCT MONTH
CLASS ALL WEATHER 0600-0800 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.5	4.5	3.5	.4								12.0	5.4
NNE	1.7	.5	.6									2.9	3.8
NE	.1	.4	.1									1.0	3.8
ENE	.9	.2	.3									1.4	3.7
E	3.3	1.2	.3									3.6	3.1
ESE	1.9	2.2	1.6	.2								5.9	5.2
SE	2.6	3.2	2.2	.5	.2							6.7	5.7
SSE	1.0	1.2	1.3									3.4	5.5
S	1.7	1.3	1.4									4.4	4.9
SSW	.3	.6	.1									1.1	4.6
SW		.1										.1	6.0
WSW	.2	.3	.1			.1						.8	6.7
W	.3	.3	.2	.1								1.4	5.0
WNW	1.1	.4	.3	.2								2.5	4.8
NW	1.2	1.0	1.2	.3								3.7	5.6
NNW	1.9	1.6	1.9	.3								5.8	5.5
VARBL													
CALM												41.2	
	1.1	20.0	15.3	2.2	.2	.1						100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 2335 STATION NAME COLUMBUS AFB MS YEARS 69-70, 73-80 MONTH OCT
CLASS ALL WEATHER RANGE 0900-1100
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.5	2.8	4.2	1.4								11.9	6.2
NNE	1.8	1.7	1.5	1.0								6.0	6.0
NE	1.4	1.2	.8	.5								3.9	5.8
ENE	.5	1.4	.5									2.5	5.0
E	1.3	1.3	.6	.1								3.9	4.9
ESE	1.4	1.7	2.7	.6								6.5	6.6
SE	1.8	2.2	3.4	1.4								8.8	6.9
SSE	1.6	3.2	3.4	1.8								15.1	7.0
S	2.0	3.8	1.9	.5								8.3	5.5
SSW	1.8	1.1	.4	.1								3.4	4.2
SW	1.1	.6	.3									2.0	4.0
WSW	1.6	.5	1.0									3.1	4.7
W	.9	1.2	.8	.2	.1							3.1	5.9
WNW	.8	1.0	1.2	.1								3.0	5.9
NW	1.3	.0	1.8	.4								4.4	6.3
NNW	1.6	2.5	3.4	.5	.1							8.2	6.6
VARBL													
CALM												10.9	
	24.5	27.5	28.1	8.8	.2							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12-3-64 COLUMBUS AFB MS 69-70.73-80 OCT 1964

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

1200-1400

HOURS (L & T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	4.4	4.7	1.9								14.3	6.8
NNE	2.0	.9	1.3	.3								4.4	5.3
NE	.4	.7	.5	.2								2.0	5.8
ENE	.9	1.2	.2	.1								2.4	4.3
E	1.2	1.3	.5	.2								3.2	5.0
ESE	1.0	1.5	2.6	.9		.1						6.0	7.4
SE	.8	2.5	2.4	.8								6.3	6.8
SSE	1.3	2.6	3.9	1.6	.2							9.6	7.6
S	2.8	2.4	3.3	.9								9.4	6.1
SSW	1.0	1.2	1.3	.1								3.5	5.7
SW	1.0	.4	.5	.1								2.0	4.9
WSW	1.4	1.1	.5	.5								3.5	5.4
W	1.8	2.3	2.2	.2								6.5	5.5
WNW	1.3	1.6	2.0	.5								5.5	6.2
NW	.6	1.8	2.4	1.0								5.8	7.4
NNW	2.0	2.8	4.1	.9								9.8	6.5
VARBL													
CALM												5.7	
	22.7	28.6	32.5	10.2	.2	.1						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1203 6 COLUMBUS AFB MS 69-70, 73-80 OCT
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
1500-1700
HOURS (L S T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.9	5.1	4.3	1.4								14.6	6.0
NNE	1.4	1.3	.6	.1								3.4	4.7
NE	1.3	.9	.5	.5								3.1	5.6
ENE	1.0	1.2	.3									2.5	4.0
E	1.4	2.4	.1									3.9	3.9
ESE	1.3	2.3	1.8									5.4	5.6
SE	1.9	4.0	2.2	.3	.1							8.4	5.8
SSE	1.6	3.0	2.9	.9								8.4	6.4
S	2.5	2.2	1.5	.1								6.2	4.7
SSW	1.6	1.1	.1									2.8	3.5
SW	.3	.9	.1									1.3	4.3
WSW	1.2	1.0	.2									2.4	3.6
W	1.7	1.5	1.5	.2								4.9	5.4
WNW	1.2	1.4	1.5	1.1								5.2	6.9
NW	1.8	2.0	2.2	.3		.1						6.5	6.0
NNW	2.0	2.0	4.2	1.2	.1							10.4	6.8
VARBL													
CALM												10.6	
	5.0	32.8	24.1	6.1	.2	.1						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 233 STATION NAME COLUMBUS AFB MS YEARS 69-70, 73-80 MONTH OCT
CLASS ALL WEATHER HOURS (LST) 1800-2000
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	3.7	2.8	.5								8.9	5.7
NNE	1.1	.5	.4									2.0	4.2
NE	1.0	.3	.3	.1								1.7	4.3
ENE	1.0	.1										1.1	2.7
E	1.1	1.2										2.3	3.6
ESE	3.3	2.4	.6	.1								6.5	3.6
SE	3.3	4.2	.3									7.9	3.7
SSE	.8	1.8	.4	.1								3.1	5.0
S	1.0	.6										1.6	3.1
SSW	.3	.1										.4	2.5
SW	.1	.1										.2	4.0
WSW	.2	.3										.5	3.8
W	.9	.6	.1									1.6	3.3
WNW	1.1	.9	.4									2.4	4.2
NW	1.8	1.0	1.2	.6								4.6	5.4
NNW	2.3	1.7	1.8	1.0								6.8	6.1
VARBL													
CALM												48.3	
	21.7	18.9	8.5	2.5								100.0	2.4

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12-3-85 COLUMBUS AFB MS 69-70,73-80 OCT
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
2100-2300
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	3.4	2.5	.1								8.7	5.1
NNE	.6	.6	.8	.1								2.2	5.4
NE	.6	.2	.1		.1							1.1	5.0
ENE	.3	.2										.5	3.0
E	.8	.5	.2									1.5	3.4
ESE	2.9	2.4	1.1									6.3	4.2
SE	2.6	4.3	.8									7.6	4.3
SSE	1.1	1.7	1.1	.5								4.4	6.0
S	.6	1.1	.3	.1								2.2	5.0
SSW	.2	.3										.5	3.8
SW	.1											.1	1.0
WSW	.1	.1	.1									.3	5.0
W	.3	.5	.3	.1								1.3	5.8
WNW	.6	.3	.2									1.2	3.5
NW	.5	.6	1.0	.1								2.3	6.0
NNW	1.0	2.2	1.5	.3								4.9	6.1
VARBL													
CALM												54.8	
	15.2	18.6	9.9	1.4	.1							100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

233 STATION COLUMBUS AFB MS 69-70.73-80 YEARS OCT MONTH
ALL WEATHER CLASS ALL HOURS (L & Y.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	3.4	3.0	3.3	.8								11.3	5.7
NNE	1.3	.9	.7	.2								3.1	4.9
NE	.7	.5	.3	.2	.0							1.7	5.2
ENE	.7	.5	.2	.0								1.5	3.9
E	1.4	1.2	.3	.0	.0							2.9	3.9
ESE	2.0	2.1	1.6	.3	.0	.0						5.9	5.3
SE	2.3	3.0	1.7	.4	.1							7.5	5.4
SSE	1.3	2.2	1.8	.7	.0							6.0	6.2
S	1.5	1.7	1.2	.2								4.6	5.3
SSW	.7	.5	.3	.0								1.6	4.4
SW	.3	.3	.1	.0								.8	4.3
WSW	.6	.5	.3	.1		.0						1.5	4.8
W	.8	.9	.6	.1	.0							2.5	5.3
WNW	.9	1.0	.8	.3								3.0	5.6
NW	1.1	1.1	1.3	.4		.0						4.0	6.1
NNW	2.1	2.2	2.5	.6	.0							7.5	6.0
VARBL													
CALM												34.8	
	21.2	22.6	16.9	4.3	.2	.0						100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7253.5
STATION

COLUMBUS AFB MS
STATION NAME

69-70.73-80
YEARS

NOV
MONTH

ALL WEATHER
CLASS

0000-C200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	2.9	1.1	1.0								6.9	5.8
NNE	.9	.7										1.6	3.1
NE	.2		.1									.3	3.7
ENE	.3		.1									.4	2.8
E	.6	.1	.1									.8	3.1
ESE	2.6	1.4	.6	.1								4.7	3.9
SE	3.3	2.7	1.2									6.6	4.0
SSE	1.3	1.3	2.2	.8								5.7	6.6
S	1.2	2.8	2.0	.8								6.8	6.4
SSW	.4	.4	.4									1.3	4.8
SW	.6		.1									.7	3.0
WSW	.2			.2								.4	7.5
W	.8	.4	.4	.3								2.0	6.0
WNW	.8	.8	1.0	.2		.1						2.9	6.7
NW	2.1	1.2	.4	.6	.3							4.7	6.0
NNW	1.1	1.2	1.3	.2	.2							4.1	6.5
VARBL													
CALM												50.2	
	13.3	15.3	11.2	4.2	.6	.1						100.0	2.7

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1213 6
STATION

COLUMBUS AFB MS
STATION NAME

69-70, 73-80
YEARS

NOV
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.4	4.1	1.9	.4								9.9	4.9
NNE	.8	.7										1.4	3.2
NE	.4	.4										.9	3.4
ENE	.2	.1	.1									.4	4.3
E	.3	.6	.1	.1								1.1	5.0
ESE	2.8	1.7	.2	.2								4.9	3.9
SE	3.8	2.2	.8	.1								6.9	3.7
SSE	2.0	1.9	1.6	1.0								6.4	6.2
S	1.0	1.7	1.1	.6								4.3	6.3
SSW	.4	.3										.8	3.9
SW		.4										.4	5.0
WSW	.8			.1								.9	3.6
W	1.1	.9	.8	.1								2.9	5.0
WNW	1.6	.9	.8			.1						3.3	4.6
NW	1.3	1.6	.7	.3	.1							4.0	5.9
NNW	1.3	1.4	1.8	.8	.2							5.6	6.9
VARBL													
CALM												45.8	
	21.3	18.9	9.8	3.8	.3	.1						100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1203.5 STATION COLUMBUS AFB MS 69-70,73-80 YEARS NOV
STATION NAME CLASS HOURS (L.S.T.)
ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.6	3.0	2.7	.6								10.8	5.0
NNE	1.6	.6	.3									2.4	3.8
NE	.6	.7										1.2	3.3
ENE	1.1			.1								1.2	2.8
E	.9	.2	.2									1.3	3.7
ESE	2.0	1.7	1.3	.1								5.1	4.7
SE	4.6	3.1	1.4	.2								9.3	4.0
SSE	1.6	1.3	2.3	.7								5.9	6.6
S	1.2	1.3	2.1	.4								5.1	6.3
SSW	.9	.1	.2	.1								1.3	4.4
SW	.3	.2	.1									.7	3.8
WSW	.6	.1	.2									.9	3.9
W	1.1	.6	.9	.1								2.7	5.3
WNW	1.0	1.6	.2									2.8	4.5
NW	1.2	1.3	1.0	.7								3.9	6.3
NNW	2.3	2.9	1.6	.8	.1							7.7	5.9
VARBL													
CALM												37.7	
	25.4	18.3	14.7	3.8	.1							100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1235 STATION COLUMBUS AFB MS 62-70,73-80 YEARS NOV MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	4.3	3.7	.7								9.6	6.3
NNE	1.4	2.0	2.0	.1								5.6	5.4
NE	.6	.6	.6	.1								1.8	5.3
ENE	.6	.7	.2									1.4	4.8
E	1.3	1.9	.6									3.8	4.5
ESE	1.3	.9	1.1	.4								3.8	6.1
SE	2.3	2.6	1.9	.6								7.3	5.7
SSE	2.3	2.0	2.6	1.9	.1							8.9	7.0
S	2.6	4.6	5.1	1.3								13.6	6.4
SSW	1.3	1.6	1.3	.1								4.3	5.4
SW	.8	1.1	.4									2.3	4.5
WSW	.7	.2	.4	.1								1.4	5.5
W	1.4	1.0	1.8	.3								4.6	5.9
WNW	1.2	2.1	1.7	.6								5.6	6.2
NW	.6	.9	1.7	.9	.1	.1						4.2	8.6
NNW	1.7	2.6	3.0	2.2	.2	.1						9.8	7.9
VARBL													
CALM												12.1	
	21.3	28.6	28.0	9.3	.4	.2						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12.3.4 COLUMBUS AFB MS 69-70, 73-80 NOV
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
1200-1400
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	3.9	3.9	1.0	.1							11.1	6.4
NNE	1.8	1.6	.7									4.0	4.1
NE	1.7	.8	.2									2.7	3.3
ENE	1.1	.9	.1									2.1	3.6
E	1.4	.6	.2									2.2	3.4
ESE	.9	1.4	.7	.3								3.3	5.8
SE	1.4	1.8	1.9	.8								5.9	6.4
SSE	1.4	3.1	4.4	1.7	.1							10.8	7.3
S	2.2	3.2	4.6	1.1								11.1	6.7
SSW	1.1	2.0	1.2	.3								4.7	5.7
SW	.3	1.3	.3	.6								2.6	6.6
WSW	.2	1.0	.7	.1								2.0	6.7
W	1.4	2.0	1.9	.6	.1							6.0	6.3
WNW	1.6	2.2	2.4	.7								6.9	6.5
NW	.9	1.7	2.3	2.4	.6							7.9	9.0
NNW	1.4	2.2	3.4	2.2	.3							9.7	8.1
VARBL													
CALM												7.1	
	21.3	29.6	29.0	11.8	1.2							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

7243-6
STATION

COLUMBUS AFB MS
STATION NAME

69-70, 73-80
YEARS

NOV
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.2	3.2	2.9	1.1	.1							11.6	5.6
NNE	1.6	1.2	.7									3.4	4.2
NE	1.0	.6	.2									1.8	3.7
ENE	1.3	.7										2.0	2.9
E	1.2	1.0	.4									2.7	4.0
ESE	1.0	1.1	1.2	.2								3.6	5.7
SE	1.1	2.7	2.3	.2								6.3	5.8
SSE	1.9	3.3	2.3	1.4								9.0	6.5
S	3.1	3.6	2.0	.3								9.0	4.9
SSW	.6	1.2	.3		.1							2.2	5.4
SW	.9	.3	.4	.1								1.8	5.0
WSW	1.0	1.1	.7	.2	.1							3.1	5.7
W	1.3	.9	1.0	.3	.1							3.7	6.0
WNW	1.1	2.6	2.3	.4	.1							6.6	6.6
NW	1.3	1.9	3.3	1.1	.1							7.8	7.2
NNW	2.4	3.7	2.7	1.8	.1							10.7	6.7
VARBL													
CALM												14.9	
	25.1	29.0	22.9	7.3	.8							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ALL WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 236 COLUMBUS AFB MS STATION NAME 69-70, 73-80 YEARS NOV
CLASS ALL WEATHER MONTH 1800-2000
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	3.1	2.1	.6								8.8	5.2
NNE	1.1	1.1	.3	.2								2.8	4.7
NE	.7	.2										.9	2.6
ENE	.2	.3										.6	3.8
E	1.1	.7	.1									1.9	3.1
ESE	3.7	1.6	.3	.2								5.8	3.5
SE	4.1	6.0	1.4	.4								12.0	4.5
SSE	1.0	2.1	.9	.3								4.3	5.5
S	.6	1.9	.6	.4	.1							3.6	6.6
SSW	.9	.2	.2									1.2	3.5
SW	.4	.3	.2									1.0	4.2
WSW		.4	.4									.9	6.6
W	.9	1.0	.3	.1								2.3	4.9
WNW	1.1	.9	.4	.7	.2							3.3	6.7
NW	2.4	1.3	1.3	.2								5.3	4.6
NNW	1.4	1.7	1.9	.8	.1							6.1	6.3
VARBL													
CALM												39.2	
	2.7	23.0	10.7	4.0	.4							100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

2-3-6 STATION COLUMBUS AFB MS 69-70.73-80 YEARS NOV MONTH
2100-2300 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	0.2	2.2	2.0	.7								2.1	5.4
NNE	.8	1.3	.4									2.6	4.4
NE	1.1	.2	.1									1.4	2.8
ENE	.2	.1										.3	3.3
E	1.0	.6										1.6	2.9
ESE	2.3	1.2	.3	.3								4.2	4.0
SE	3.1	4.3	.7	.1								8.2	4.0
SSE	.4	2.2	1.6	1.0								5.2	7.7
S	.8	2.3	1.8	.7								5.6	6.6
SSW	.7	.2	.3									1.2	4.4
SW	.4	.3										.8	2.7
WSW	.2	.3	.2	.2								1.0	7.6
W	.9	.6	.6	.3								2.3	5.7
WNW	1.3	1.2	.7	.3	.1							3.7	5.7
NW	1.4	.0	.6	.4	.1							3.4	6.0
NNW	1.6	.8	1.1	1.0								4.7	6.2
VARBL													
CALM												45.7	
	12.8	18.9	10.3	5.1	.2							100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AF WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

233 STATION COLUMBUS AFB MS 69-70, 73-80 YEARS NOV MONTH
ALL WEATHER CLASS ALL HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.0	3.3	2.5	.7	.0							9.6	5.6
NNE	1.2	1.1	.6	.0								3.0	4.4
NE	.8	.4	.2	.0								1.4	3.6
ENE	.6	.3	.1	.0								1.1	3.5
E	1.0	.7	.2	.0								1.9	3.8
ESE	2.1	1.4	.7	.2								4.4	4.6
SE	3.0	3.1	1.5	.3								7.8	4.7
SSE	1.5	2.2	2.2	1.1	.0							7.0	6.8
S	1.6	2.7	2.4	.7	.0							7.4	6.2
SSW	.8	.8	.5	.1	.0							2.1	5.1
SW	.5	.5	.2	.1								1.3	4.8
WSW	.5	.4	.3	.1	.0							1.3	5.9
W	1.1	.9	1.0	.3	.0							3.3	5.7
WNW	1.2	1.5	1.2	.4	.1	.0						4.4	6.1
NW	1.4	1.3	1.4	.8	.2	.0						5.2	6.9
NNW	1.7	2.1	2.1	1.2	.2	.0						7.3	7.0
VARBL													
CALM												31.6	
	21.9	22.7	17.1	6.2	.5	.1						100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

230
STATION

COLUMBUS AFB MS
STATION NAME

69-70.73-80
YEARS

DEC
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	3.8	1.7	1.2								8.7	6.1
NNE	.9	.5	.2									1.6	3.8
NE	.5	.1	.1									.8	2.9
ENE	.3											.3	1.3
E	.8	.4	.2									1.4	3.8
ESE	2.5	1.3	.5	.2								4.5	4.2
SE	2.3	2.9	2.4	1.4								8.9	6.4
SSE	1.2	1.9	2.6	.8	.1							6.6	7.1
S	1.9	3.3	2.7	1.1								9.0	6.3
SSW	.9	.5	.3									1.7	4.3
SW	.4	.3	.3	.1								1.2	5.8
WSW	.3	.2	.4	.1								1.1	6.1
W	1.0	1.1	1.1	.2	.1							3.4	6.3
WNW	1.2	1.2	1.3	.4								4.1	6.5
NW	1.7	.6	1.1	.6	.2							4.3	6.3
NNW	1.2	2.0	1.7	1.5	.5							7.0	8.4
VARBL													
CALM												35.4	
	19.0	20.3	16.7	7.6	1.0							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7203 6 COLUMBUS AFB MS 69-70, 73-80 DEC

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

0300-0500

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	3.4	2.8	.6	.1							9.1	6.0
NNE	.8	.5	.3									1.6	4.4
NE	.4	.1										.5	2.6
ENE	.3	.5		.1								1.0	5.1
E	.6	.6	.3									1.6	4.2
ESE	1.1	2.0	.8	.2	.1							6.2	4.2
SE	2.7	1.9	2.3	.8	.1							7.7	5.7
SSE	.9	1.1	1.6	.5	.1							4.2	7.0
S	1.5	4.2	2.2	.6								8.5	5.7
SSW	.6	.8	.9									2.3	5.4
SW	.4	.3	.2	.2	.2							1.4	7.9
WSW	.3	.3	.2									.9	5.1
W	.4	1.0	1.3	.1								2.8	6.5
WNW	1.5	.8	.8	.3								3.3	5.1
NW	1.2	1.7	1.6	1.1	.1							4.9	7.4
NNW	1.5	2.2	1.7	1.5	.2							7.1	7.4
VARBL													
CALM												36.8	
	18.5	20.8	16.9	6.1	1.0							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1283.4
STATION

COLUMBUS AFB MS
STATION NAME

69-70, 73-80
YEARS

DEC
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	4.6	2.4	.6	.1							9.1	6.0
NNE	.8	.8	.2	.1								1.8	4.2
NE	.4											.4	2.0
ENE	.2	.3	.1									.6	4.5
E	.9	.6	.9									2.4	5.0
ESE	3.0	2.3	1.7	.5								7.5	5.3
SE	3.3	3.0	1.3	1.0	.2							8.8	5.7
SSE	1.3	2.3	1.7	.8								6.0	6.3
S	1.2	2.7	2.2	.2								6.2	5.7
SSW	.2	.9	.4	.1								1.5	5.8
SW	.2	.4	.1									.8	4.6
WSW	.2	.5	.6	.3								1.7	7.3
W	1.2	1.5	1.4	.1	.1							4.3	6.0
WNW	.6	1.0	.8	.1								2.5	5.4
NW	1.5	1.8	1.6	1.0								5.9	6.7
NNW	.8	2.6	2.6	.9								6.8	7.0
VARBL													
CALM												33.5	
	17.2	25.2	18.0	5.7	.4							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12-3-6 STATION COLUMBUS AFB MS STATION NAME 69-70,73-80 YEARS DEC MONTH

ALL WEATHER

0900-1100 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	3.7	4.5	.9								10.2	6.5
NNE	1.5	1.7	.6	.1								4.0	4.4
NE	.4	.3	.5									1.7	5.4
ENE	.5	.3										.9	2.9
E	1.2	1.8	.8									3.8	4.4
ESE	1.5	1.3	1.4	.4								4.6	5.8
SE	1.8	2.5	3.7	.9								8.8	6.7
SSE	1.4	3.7	4.0	1.1								10.3	6.7
S	1.7	4.4	4.5	1.1								11.7	6.6
SSW	1.5	1.2	1.2	.1								4.0	5.0
SW	.6	1.2	.6	.3								2.8	5.6
WSW	.9	.9	.5	.2								2.5	5.4
W	.9	.9	1.6	1.1								4.4	7.7
WNW	1.1	1.3	1.6	.9								4.8	6.8
NW	.5	1.0	2.6	1.5	.1							5.7	8.7
NNW	.8	2.2	3.9	1.9								8.7	7.9
VARBL													
CALM												11.1	
	13.2	28.2	32.0	10.4	.1							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 12-3-5 COLUMBUS AFB MS STATION NAME 69-70, 73-80 YEARS MONTH DEC
1200-1400
HOURS (LST)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	3.5	3.0	.9								8.8	6.7
NNE	.5	1.2	.5	.2								2.5	5.3
NE	.4	.3										.8	3.6
ENE	.6	.6	.1									1.4	3.5
E	1.1	.6	.3	.1								2.2	4.5
ESE	.6	.8	.8	.2								2.4	6.5
SE	.9	1.9	2.7	1.0	.1							6.6	7.4
SSE	1.3	1.7	4.3	1.8								9.1	7.8
S	2.4	4.2	4.9	2.2	.2							13.9	7.2
SSW	1.0	1.4	3.2	.4								6.0	7.0
SW	.9	.8	1.5	.2	.1							3.4	7.0
WSW	1.1	1.3	.6	.4								3.4	5.7
W	.9	1.8	3.0	1.3	.1							7.1	7.9
WNW	1.4	2.2	2.7	1.3								7.5	7.1
NW	1.4	2.7	2.8	2.3		.1						9.2	7.8
NNW	.9	3.0	3.8	2.5								10.1	7.9
VARBL													
CALM												5.6	
	16.7	28.1	34.3	14.7	.5	.1						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1223.5
STATION

COLUMBUS AFB MS
STATION NAME

69-70.73-80
YEARS

DEC
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	2.7	2.8	.8		.1						8.2	6.4
NNE	.5	1.2										1.7	3.9
NE	.6	.4	.1									1.2	3.5
ENE	.2	.3	.1									.6	3.7
E	.5	.8	.2									1.5	4.2
ESE	.6	1.1	.9	.2		.1						2.9	6.9
SE	1.4	2.6	2.2	.9								7.0	6.3
SSE	2.3	3.2	4.7	1.3								11.5	6.7
S	2.7	3.7	3.2	1.1								10.6	6.0
SSW	1.2	1.5	1.3	.5	.1							4.6	6.5
SW	.6	.4	.3	.2								1.6	5.5
WSW	.6	.9	.5	.1								2.2	5.4
W	1.4	1.6	2.5	.4	.1							6.0	6.5
WNW	1.2	1.8	2.4	1.4	.1							6.9	7.4
NW	1.9	2.9	3.1	1.3	.1							9.4	6.8
NNW	1.5	3.7	4.8	2.2								12.2	7.4
VARBL													
CALM												11.9	
	19.2	28.7	29.1	10.3	.8	.2						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

12-3-8 STATION COLUMBUS AFB MS 69-70.73-80 YEARS DEC MONTH

ALL WEATHER

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	2.6	1.6	.9								7.1	5.7
NNE	.6	.8	.1	.1								1.6	4.5
NE	.4	.3	.1									.9	3.5
ENE	.8	.3										1.1	2.7
E	.6	.8										1.4	3.1
ESE	3.7	2.4	.5	.4								7.0	4.2
SE	1.8	5.8	2.0	1.1	.1							10.9	6.0
SSE	1.2	2.0	1.4	1.2	.1							5.9	7.1
S	1.7	2.0	1.7	.8								6.3	5.9
SSW	.2	.6	.2									1.1	5.2
SW	.2	.2		.2								.6	6.3
WSW	.6	.2	.2									1.1	3.8
W	.6	1.2	.8	.4								3.0	6.0
WNW	2.0	1.2	2.3	.1								5.6	5.3
NW	1.8	2.0	1.4	1.2								6.5	6.2
NNW	1.6	2.6	2.3	1.7	.2							8.4	7.4
VARBL													
CALM												31.5	
	20.2	25.1	14.7	8.1	.4							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ALL WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

20300 STATION COLUMBUS AFB MS STATION NAME 69-70.73-80 YEARS DEC MONTH
2100-2300 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	2.2	3.7	1.1								9.8	6.4
NNE	.5	.1	.4									1.1	4.8
NE	.2	.1										.3	2.3
ENE	.4	.4										.9	3.3
E	1.1	.5	.1									1.7	3.2
ESE	2.0	2.2	1.4	.1	.1							5.8	5.2
SE	3.8	3.6	2.0	.9	.2							10.5	5.5
SSE	1.5	2.2	1.8	1.3								6.8	6.7
S	1.6	2.2	3.5	.5	.2							8.0	7.0
SSW	.6	.5	.3									1.5	4.4
SW	.8	.3		.3								1.4	5.5
WSW	.6	.3	.1	.1								1.2	4.5
W	.9	1.1	1.0	.2								3.1	5.7
WNW	1.9	1.5	.8	.1								4.3	4.7
NW	.9	.6	1.3	.6	.1							3.6	7.7
NNW	1.5	1.6	2.0	1.8	.1							7.1	7.7
VARBL													
CALM												32.9	
	20.7	20.1	18.4	7.1	.8							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

72306 STATION COLUMBUS AFB MS 69-70, 73-80 YEARS DEC MONTH

ALL WEATHER

CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	3.3	2.8	.9	.0	.0						8.9	6.2
NNE	.8	.9	.3	.1								2.0	4.4
NE	.4	.3	.1									.8	3.7
ENE	.4	.4	.0	.0								.8	3.5
E	.8	.8	.3	.0								2.0	4.2
ESE	2.1	1.7	1.0	.3	.0	.0						5.1	5.0
SE	2.2	3.0	2.3	1.0	.1							8.6	6.2
SSE	1.4	2.3	2.8	1.1	.0							7.6	6.9
S	1.8	3.3	3.1	.9	.1							9.3	6.4
SSW	.8	.7	1.0	.1	.0							2.8	5.8
SW	.5	.5	.4	.2	.0							1.7	6.2
WSW	.6	.6	.4	.2								1.7	5.5
W	.9	1.3	1.6	.5	.1							4.3	6.7
WNW	1.4	1.4	1.6	.6	.0							4.9	6.3
NW	1.4	1.6	1.9	1.2	.1	.0						6.2	7.2
NNW	1.2	2.5	2.9	1.7	.1							8.4	7.6
VARBL													
CALM												24.8	
	18.7	24.5	22.5	8.8	.6	.0						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 7434

1
2
1

JL PAL CLIMATOLOGY BRANCH
USAFETAC
AD WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1233.6 STATION COLUMBUS AFB MS 69-70,73-81 YEARS ALL MONTH ALL HOURS (LST)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.9	3.2	2.3	.6	.0	.0						9.0	5.5
NNE	1.3	1.1	.5	.1	.0	.0						3.0	4.4
NE	.8	.6	.2	.0	.0							1.7	4.1
ENE	.9	.6	.2	.0	.0							1.8	4.0
E	1.6	1.2	.4	.1	.0							3.3	4.2
ESE	2.2	1.7	.9	.2	.0	.0						5.1	4.7
SE	2.5	2.7	1.4	.5	.1	.0	.0					7.2	5.2
SSE	1.8	2.2	1.9	.7	.1	.0	.0					6.7	6.1
S	2.5	2.9	2.3	.7	.1	.0	.0					8.4	5.8
SSW	1.3	1.2	.6	.1	.0	.0						3.2	4.8
SW	.8	.8	.4	.1	.0							2.0	4.8
WSW	.9	.8	.5	.2	.0	.0						2.4	5.2
W	1.2	1.2	.9	.4	.1							3.8	5.8
WNW	1.1	1.2	1.0	.5	.1	.0	.0					3.9	6.3
NW	1.1	1.3	1.2	.6	.1	.0						4.3	6.6
NNW	1.5	1.9	1.8	.9	.1	.0						6.2	6.6
VARBL													
CALM												28.0	
	24.4	24.5	16.6	5.8	.6	.1	.0					100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 87566

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
40 WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12-3-6 STATION COLUMBUS AFB MS 69-70, 73-81 YEARS ALL MONTH

INSTRUMENT
CLASS

ALL
HOURS (L & T)

CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE.

CONDITION

AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.9	3.8	3.2	1.1	.1							11.0	6.0
NNE	1.2	1.2	.5	.1	.0	.0						3.0	4.7
NE	.9	.6	.3	.1	.0							1.9	4.2
ENE	.9	.7	.3	.1	.0							2.1	4.8
E	1.6	1.7	.8	.3	.0							4.4	5.1
ESE	1.7	1.6	1.5	.6	.1	.0						5.5	6.1
SE	2.1	2.7	2.0	.9	.1	.0						7.9	6.3
SSE	1.7	2.8	2.7	1.1	.2	.0						8.5	6.8
S	2.0	3.5	2.6	.6	.1							8.7	5.9
SSW	1.0	.9	.4	.1	.0							2.4	4.5
SW	.5	.5	.2	.1	.0							1.3	5.2
WSW	.5	.5	.4	.1	.0	.0						1.5	6.0
W	.8	1.0	.8	.6	.1							3.4	7.1
WNW	.8	1.1	1.4	.7	.1	.0						4.2	7.4
NW	1.0	1.4	2.0	.9	.1	.0						5.4	7.4
NNW	1.7	2.6	3.8	1.7	.2							10.0	7.5
VARBL													
CALM												19.8	
	21.2	26.7	22.9	9.3	1.1	.1						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 9773

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

		VISIBILITY (STATUTE MILES)															
CEILING FEET		≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	$\geq 2\frac{1}{2}$	≥ 2	$\geq 1\frac{1}{2}$	$\geq 1\frac{1}{4}$	≥ 1	$\geq \frac{3}{4}$	$\geq \frac{1}{2}$	$\geq \frac{5}{16}$	$\geq \frac{1}{4}$	≥ 0	
NO CEILING																	
1800	IV					91.0										92.6	
1500	IV																
1200	IV																
1000	IV																
900	IV																
800	IV																
700	IV																
600	IV																
500	IV																
400	IV									97.4						98.1	
300	IV																
200	IV																
100	IV																
0	IV					95.4		96.9		98.3						100.0	

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility ≥ 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

2
GLOBAL CLIMATOLOGY BRANCH
AFETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72-315

COLUMBUS AFB MS

70, 73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	25.5	43.6	44.1	44.8	45.3	45.6	45.9	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.3
≥ 20000	26.8	46.5	47.0	47.7	48.2	48.7	48.9	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.3
≥ 18000	27.2	46.9	47.5	48.1	48.7	49.1	49.3	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.7
≥ 16000	27.8	47.5	48.0	48.7	49.2	49.6	49.8	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.3
≥ 14000	28.2	47.9	48.4	49.1	49.6	50.1	50.3	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.7
≥ 12000	28.4	49.0	49.5	50.2	50.7	51.1	51.3	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.8
≥ 10000	29.6	51.0	51.6	52.2	52.9	53.3	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.9
≥ 9000	29.9	51.6	52.3	53.0	53.6	54.0	54.3	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.7
≥ 8000	30.7	52.5	53.4	54.1	54.8	55.2	55.4	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.9
≥ 7000	31.4	53.9	54.8	55.5	56.2	56.6	56.8	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.3
≥ 6000	32.4	55.9	56.7	57.5	58.1	58.7	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.3
≥ 5000	33.0	58.2	59.1	59.8	60.5	61.0	61.2	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.7
≥ 4500	34.1	60.3	61.2	62.0	62.6	63.2	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.8
≥ 4000	34.6	61.4	62.6	63.4	64.0	64.6	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.2
≥ 3500	35.2	63.5	64.8	65.6	66.2	66.7	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.4
≥ 3000	36.2	65.9	67.2	68.1	68.8	69.3	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	70.0
≥ 2500	36.8	68.7	70.7	71.8	72.4	73.0	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.6
≥ 2000	37.4	71.4	73.6	75.1	75.8	76.3	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	77.0
≥ 1800	37.5	72.2	74.5	76.0	76.6	77.2	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.8
≥ 1500	38.1	75.2	77.8	79.4	80.3	80.8	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.5
≥ 1200	38.5	77.4	80.1	82.0	83.0	83.6	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.3
≥ 1000	38.8	78.4	81.1	83.1	84.2	84.9	85.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.6
≥ 900	38.8	79.2	82.0	84.1	85.1	85.9	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.5
≥ 800	38.8	79.5	82.9	85.3	86.4	87.2	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.9
≥ 700	38.8	79.7	83.4	86.1	87.3	88.1	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.8
≥ 600	38.8	80.5	84.4	87.6	89.0	90.0	90.3	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	91.0
≥ 500	38.9	80.7	85.0	88.4	90.2	91.4	91.9	92.2	92.2	92.5	92.6	92.6	92.6	92.6	92.6	92.8
≥ 400	38.9	81.1	85.5	88.8	91.0	92.5	93.1	93.9	94.3	94.5	94.7	94.7	94.8	94.8	94.8	95.0
≥ 300	38.9	81.1	85.6	89.0	91.7	93.5	94.6	95.5	96.1	96.4	96.8	96.8	97.0	97.1	97.1	97.4
≥ 200	38.9	81.1	85.6	89.0	91.7	93.6	94.7	95.8	96.7	97.3	98.3	98.3	98.7	99.0	99.1	99.6
≥ 100	38.9	81.1	85.6	89.0	91.7	93.6	94.7	95.8	96.7	97.4	98.4	98.4	98.8	99.1	99.2	99.9
≥ 0	38.9	81.1	85.6	89.0	91.7	93.6	94.7	95.8	96.7	97.4	98.4	98.4	98.8	99.1	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS

929

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72 306

COLUMBUS AFB MS

70, 73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	15.5	39.5	41.0	41.4	42.7	42.8	43.0	43.1	43.1	43.1	43.3	43.3	43.4	43.4	43.5	43.7
≥ 20000	20.5	43.1	44.6	45.1	46.3	46.5	46.7	46.8	46.8	46.8	47.0	47.0	47.1	47.1	47.2	47.3
≥ 18000	20.5	43.2	44.8	45.3	46.6	46.7	46.9	47.0	47.0	47.0	47.2	47.2	47.3	47.3	47.4	47.5
≥ 16000	20.6	43.5	45.2	45.6	46.9	47.0	47.2	47.3	47.3	47.3	47.5	47.5	47.6	47.6	47.7	47.8
≥ 14000	21.7	44.9	46.6	47.0	48.3	48.4	48.6	48.7	48.7	48.7	48.9	48.9	49.0	49.0	49.1	49.2
≥ 12000	21.9	45.5	47.1	47.5	48.8	48.9	49.1	49.2	49.2	49.2	49.5	49.5	49.6	49.6	49.7	49.8
≥ 10000	23.1	47.7	49.4	49.8	51.1	51.2	51.4	51.5	51.5	51.5	51.7	51.7	51.8	51.8	51.9	52.0
≥ 9000	23.2	48.1	49.7	50.1	51.4	51.5	51.7	51.8	51.8	51.8	52.0	52.0	52.2	52.2	52.3	52.4
≥ 8000	23.3	48.7	50.5	51.0	52.3	52.4	52.6	52.7	52.7	52.7	52.9	52.9	53.0	53.0	53.1	53.2
≥ 7000	23.5	49.5	51.3	51.7	53.0	53.1	53.3	53.4	53.4	53.4	53.7	53.7	53.8	53.8	53.9	54.0
≥ 6000	24.1	51.0	52.9	53.3	54.6	54.7	54.9	55.1	55.1	55.1	55.3	55.3	55.4	55.4	55.5	55.6
≥ 5000	25.2	53.1	55.2	55.6	56.9	57.0	57.2	57.3	57.3	57.3	57.5	57.5	57.6	57.6	57.7	57.8
≥ 4500	26.2	55.5	57.5	58.0	59.2	59.4	59.6	59.7	59.7	59.7	59.9	59.9	60.0	60.0	60.1	60.2
≥ 4000	26.3	56.7	58.8	59.2	60.5	60.6	60.9	61.0	61.0	61.0	61.2	61.2	61.3	61.3	61.4	61.5
≥ 3500	26.7	57.7	59.9	60.3	61.6	61.7	61.9	62.0	62.0	62.0	62.3	62.3	62.4	62.4	62.5	62.6
≥ 3000	27.1	59.1	61.4	61.9	63.3	63.4	63.7	63.8	63.8	63.8	64.0	64.0	64.1	64.1	64.2	64.3
≥ 2500	28.7	61.4	64.2	64.7	66.6	66.7	66.9	67.0	67.0	67.0	67.2	67.2	67.3	67.3	67.4	67.5
≥ 2000	28.7	63.4	66.5	67.4	69.6	69.7	69.9	70.0	70.0	70.0	70.2	70.2	70.3	70.3	70.4	70.5
≥ 1800	29.4	65.2	68.2	69.4	71.5	71.6	71.8	71.9	71.9	71.9	72.2	72.2	72.3	72.3	72.4	72.5
≥ 1500	29.9	68.4	71.7	73.0	75.5	75.6	75.9	76.0	76.0	76.0	76.2	76.2	76.3	76.3	76.5	76.6
≥ 1200	30.4	70.0	73.5	74.9	77.4	77.5	77.8	78.0	78.0	78.0	78.2	78.2	78.3	78.3	78.4	78.5
≥ 1000	30.6	71.4	75.3	77.4	79.9	80.1	80.5	80.6	80.6	80.6	80.9	80.9	81.0	81.0	81.1	81.2
≥ 900	30.6	72.7	76.7	79.0	81.7	81.9	82.4	82.5	82.5	82.5	82.7	82.7	82.8	82.8	82.9	83.0
≥ 800	30.6	73.2	77.3	80.2	83.0	83.7	84.2	84.4	84.4	84.4	84.6	84.6	84.7	84.7	84.8	84.9
≥ 700	30.6	73.5	77.6	81.3	84.7	85.7	86.2	86.6	86.6	86.6	86.7	86.9	86.9	87.0	87.1	87.2
≥ 600	30.6	74.0	79.8	83.0	87.0	88.5	89.0	89.4	89.5	89.5	89.8	89.8	89.9	89.9	90.0	90.1
≥ 500	31.0	74.7	80.2	84.7	89.1	91.1	91.6	92.0	92.3	92.4	92.6	92.6	92.7	92.7	92.8	93.0
≥ 400	31.0	74.9	80.5	85.2	90.1	92.3	93.0	93.7	94.3	94.5	94.7	94.7	94.8	94.8	94.9	95.2
≥ 300	31.1	75.2	80.9	85.8	90.9	93.3	94.4	95.3	96.1	96.3	96.6	96.6	96.7	96.7	96.8	97.3
≥ 200	31.1	75.2	80.9	85.8	91.0	93.5	94.6	95.5	96.5	96.8	97.5	97.5	98.0	98.5	98.6	99.6
≥ 100	31.0	75.2	80.9	85.8	91.0	93.5	94.6	95.5	96.5	96.8	97.5	97.5	98.1	98.6	98.7	99.9
≥ 0	31.0	75.2	80.9	85.8	91.0	93.5	94.6	95.5	96.5	96.8	97.5	97.5	98.1	98.6	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC

FORM
JUL 64

0-14-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7253 16

COLUMBUS AFB MS

70,73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	17.7	34.7	37.0	37.7	38.1	38.2	38.5	38.8	39.0	39.6	39.6	39.6	39.6	39.8	39.8	39.9
≥ 20000	18.4	37.2	40.1	40.9	41.3	41.4	41.7	42.0	42.3	42.8	42.8	42.8	42.8	43.0	43.0	43.2
≥ 18000	18.4	37.2	40.2	41.0	41.5	41.6	41.9	42.3	42.5	43.0	43.0	43.0	43.0	43.2	43.2	43.4
≥ 16000	18.8	37.6	40.6	41.4	41.9	42.0	42.4	42.7	42.9	43.4	43.4	43.4	43.4	43.7	43.7	43.9
≥ 14000	19.4	38.3	41.3	42.0	42.6	42.7	43.0	43.3	43.5	44.1	44.1	44.1	44.1	44.3	44.3	44.5
≥ 12000	20.1	39.7	42.8	43.5	44.1	44.2	44.5	44.8	45.1	45.6	45.6	45.6	45.6	45.8	45.8	46.0
≥ 10000	21.7	42.5	45.6	46.3	46.9	47.0	47.3	47.6	47.8	48.4	48.4	48.4	48.4	48.6	48.7	48.9
≥ 9000	22.3	43.4	46.7	47.5	48.1	48.2	48.5	48.8	49.0	49.6	49.6	49.6	49.6	49.8	49.9	50.1
≥ 8000	22.9	45.3	48.6	49.5	50.0	50.1	50.4	50.8	51.0	51.5	51.5	51.5	51.5	51.7	51.8	52.0
≥ 7000	23.0	46.1	49.5	50.3	50.9	51.1	51.4	51.7	51.9	52.5	52.5	52.5	52.5	52.7	52.8	53.0
≥ 6000	23.4	47.3	51.0	51.9	52.5	52.7	53.0	53.3	53.5	54.1	54.1	54.1	54.1	54.3	54.4	54.6
≥ 5000	24.3	48.2	51.9	52.9	53.4	53.7	54.0	54.3	54.5	55.1	55.1	55.1	55.1	55.3	55.4	55.6
≥ 4500	24.3	50.0	53.8	54.7	55.4	55.6	55.9	56.2	56.5	57.0	57.0	57.0	57.0	57.2	57.3	57.5
≥ 4000	24.3	50.2	54.0	54.9	55.6	55.9	56.3	56.7	56.9	57.4	57.4	57.4	57.4	57.6	57.7	58.0
≥ 3500	25.3	51.5	55.3	56.2	56.9	57.2	57.6	58.0	58.2	58.7	58.7	58.7	58.7	58.9	59.0	59.2
≥ 3000	25.7	53.0	56.9	57.8	58.8	59.1	59.6	59.9	60.1	60.6	60.6	60.6	60.6	60.9	61.0	61.2
≥ 2500	26.7	56.0	60.0	61.1	62.0	62.4	62.8	63.1	63.3	63.9	63.9	63.9	63.9	64.1	64.2	64.4
≥ 2000	27.5	58.7	63.2	64.5	65.8	66.2	66.7	67.2	67.4	68.0	68.0	68.0	68.0	68.2	68.3	68.5
≥ 1800	27.8	59.6	64.2	65.6	67.0	67.5	68.0	68.5	68.7	69.2	69.2	69.2	69.2	69.5	69.6	69.8
≥ 1500	28.2	63.1	68.2	69.9	71.4	72.2	72.7	73.2	73.4	74.0	74.0	74.0	74.0	74.2	74.3	74.5
≥ 1200	28.4	64.3	69.9	71.6	73.4	74.2	74.7	75.3	75.5	76.0	76.0	76.0	76.0	76.2	76.3	76.6
≥ 1000	28.6	64.9	70.9	73.1	75.4	76.1	76.8	77.4	77.6	78.2	78.2	78.2	78.2	78.4	78.5	78.7
≥ 900	28.7	65.9	71.9	74.3	76.6	77.3	78.0	78.7	78.9	79.5	79.5	79.5	79.5	79.7	79.8	80.0
≥ 800	28.8	67.0	73.2	76.1	78.7	79.6	80.4	81.2	81.5	82.0	82.0	82.0	82.0	82.3	82.4	82.6
≥ 700	28.8	68.0	74.5	77.7	80.8	82.2	83.1	83.9	84.2	84.7	84.7	84.7	84.7	84.9	85.1	85.3
≥ 600	28.9	68.1	75.3	79.1	82.9	84.6	86.1	87.1	87.6	88.2	88.2	88.2	88.2	88.4	88.5	88.7
≥ 500	28.9	68.5	76.1	80.2	84.3	86.6	88.6	89.7	90.4	91.2	91.2	91.2	91.2	91.8	91.9	92.2
≥ 400	28.8	68.7	76.5	80.8	85.4	87.7	90.0	91.4	92.4	93.1	93.2	93.2	93.2	94.0	94.2	94.4
≥ 300	28.8	68.8	76.6	81.3	86.1	88.5	91.1	92.8	94.0	94.8	95.5	95.5	95.7	96.5	97.0	97.5
≥ 200	28.8	68.8	76.6	81.3	86.1	88.6	91.2	92.9	94.1	95.4	96.3	96.5	97.0	98.0	98.6	99.5
≥ 100	28.8	68.8	76.6	81.3	86.1	88.6	91.2	92.9	94.1	95.4	96.3	96.5	97.2	98.3	98.9	100.0
≥ 0	28.8	68.8	76.6	81.3	86.1	88.6	91.2	92.9	94.1	95.4	96.3	96.5	97.2	98.3	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2
JULIAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723306

COLUMBUS AFB MS

70,73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	26.3	36.7	36.5	36.7	36.9	37.1	37.1	37.2	37.2	37.2	37.2	37.2	37.3	37.3	37.3	37.3
≥ 20000	29.7	41.6	42.2	42.4	42.6	42.8	42.8	42.9	42.9	42.9	42.9	42.9	43.0	43.0	43.0	43.0
≥ 18000	30.1	42.4	42.9	43.1	43.4	43.6	43.6	43.7	43.7	43.7	43.7	43.7	43.8	43.8	43.8	43.9
≥ 16000	30.4	42.7	43.3	43.5	43.7	43.9	43.9	44.0	44.0	44.0	44.0	44.0	44.1	44.1	44.1	44.1
≥ 14000	31.3	43.8	44.3	44.6	44.8	45.0	45.0	45.1	45.1	45.1	45.1	45.1	45.2	45.2	45.2	45.2
≥ 12000	31.9	44.9	45.4	45.6	45.8	46.1	46.1	46.2	46.2	46.2	46.2	46.2	46.3	46.3	46.3	46.3
≥ 10000	33.4	47.6	48.1	48.3	48.5	48.8	48.8	48.9	48.9	48.9	48.9	48.9	49.0	49.0	49.0	49.0
≥ 9000	34.3	48.1	48.9	49.1	49.3	49.5	49.5	49.6	49.6	49.6	49.6	49.6	49.7	49.7	49.7	49.7
≥ 8000	35.9	50.9	51.8	52.0	52.2	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.6	52.6	52.6	52.6
≥ 7000	36.3	52.2	53.1	53.3	53.5	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.9	53.9	53.9	53.9
≥ 6000	37.7	53.4	54.3	54.5	54.7	54.9	54.9	55.0	55.0	55.0	55.0	55.0	55.1	55.1	55.1	55.1
≥ 5000	38.2	54.7	55.6	55.8	56.0	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.4	56.4	56.4	56.4
≥ 4500	38.8	55.7	56.5	56.7	57.1	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.5	57.5	57.5	57.5
≥ 4000	39.3	56.4	57.3	57.5	57.8	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.3	58.3	58.3	58.3
≥ 3500	39.4	57.6	58.5	58.7	59.0	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.4	59.4	59.4	59.4
≥ 3000	47.0	59.1	60.2	60.6	60.9	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.4	61.4	61.4	61.4
≥ 2500	41.0	61.4	62.6	63.1	63.5	63.8	63.9	64.0	64.0	64.0	64.0	64.0	64.1	64.1	64.1	64.1
≥ 2000	41.9	63.6	65.2	65.9	66.5	66.7	67.0	67.2	67.2	67.2	67.2	67.2	67.3	67.3	67.3	67.3
≥ 1800	42.6	65.9	67.6	68.4	69.0	69.4	69.7	69.9	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.0
≥ 1600	43.1	68.5	70.4	71.3	72.2	72.7	73.4	73.6	73.6	73.6	73.6	73.6	73.7	73.7	73.7	73.7
≥ 1400	43.6	71.2	73.2	74.3	75.3	75.8	76.5	76.7	76.7	76.7	76.7	76.7	76.8	76.8	76.8	76.8
≥ 1200	43.8	73.1	75.4	76.9	77.9	78.5	79.4	79.7	79.8	79.9	79.9	79.9	80.0	80.0	80.0	80.0
≥ 1000	43.9	74.4	76.7	78.3	79.4	80.3	81.1	81.4	81.6	81.7	81.7	81.7	81.8	81.9	81.9	81.9
≥ 900	43.9	75.1	78.0	79.8	81.3	82.3	83.3	83.6	83.7	83.8	83.8	83.8	83.9	84.0	84.0	84.0
≥ 800	44.3	76.3	79.6	81.9	83.8	85.3	86.3	86.6	86.7	86.8	86.8	86.8	86.9	87.1	87.1	87.1
≥ 700	44.6	77.5	81.8	84.1	86.5	88.3	89.5	90.1	90.2	90.3	90.5	90.6	90.7	90.7	90.7	90.7
≥ 600	44.8	78.0	82.6	85.7	88.5	90.8	92.3	93.5	93.6	94.1	94.3	94.4	94.6	94.7	94.7	94.7
≥ 500	44.8	78.3	83.0	86.1	89.4	91.9	93.7	95.4	95.8	96.4	97.0	97.1	97.3	97.4	97.4	97.4
≥ 400	44.8	78.3	83.1	86.3	89.8	92.3	94.5	96.1	96.8	97.5	98.5	98.7	98.9	99.0	99.0	99.0
≥ 300	44.8	78.3	83.1	86.3	89.8	92.3	94.5	96.2	97.0	98.0	99.2	99.6	99.8	99.9	100.0	100.0
≥ 200	44.8	78.3	83.1	86.3	89.8	92.3	94.5	96.2	97.0	98.0	99.2	99.6	99.8	99.9	100.0	100.0
≥ 100	44.8	78.3	83.1	86.3	89.8	92.3	94.5	96.2	97.0	98.0	99.2	99.6	99.8	99.9	100.0	100.0
≥ 0	44.8	78.3	83.1	86.3	89.8	92.3	94.5	96.2	97.0	98.0	99.2	99.6	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 927

LOCAL CLIMATOLOGY BRANCH
AFETAC
AT WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723-6

COLUMBUS AFB MS

70,73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	36.3	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
≥ 20000	41.5	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 18000	42.7	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 16000	42.9	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 14000	43.3	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 12000	44.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 10000	46.5	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 9000	46.9	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 8000	48.5	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 7000	49.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 6000	49.8	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 5000	51.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 4500	51.5	61.1	61.1	61.1	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 4000	51.7	61.6	61.7	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 3500	52.5	63.2	63.4	63.4	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 3000	53.5	64.7	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 2500	55.6	68.5	69.1	69.1	69.2	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 2000	57.0	71.5	72.3	72.5	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 1800	57.4	72.9	73.9	74.1	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 1500	58.5	76.5	77.5	77.7	77.8	77.8	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 1200	59.8	79.6	80.8	81.5	81.9	81.9	82.0	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 1000	60.0	80.9	82.6	83.8	84.2	84.2	84.3	84.3	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 900	60.1	81.9	83.7	84.8	85.4	85.5	85.7	85.7	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 800	60.1	82.7	84.6	86.1	86.7	86.9	87.5	87.7	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 700	60.4	83.7	86.0	87.7	88.3	88.6	89.5	89.8	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 600	60.6	84.5	87.4	89.6	90.8	91.2	92.0	92.4	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 500	60.6	85.2	88.5	91.0	92.9	93.5	94.7	95.5	95.9	96.1	96.1	96.1	96.2	96.2	96.2	96.2
≥ 400	60.6	85.3	88.7	91.4	93.8	94.5	96.0	97.1	97.5	98.0	98.0	98.0	98.1	98.1	98.1	98.1
≥ 300	60.6	85.3	88.8	91.6	94.0	94.9	97.0	98.1	98.5	99.1	99.1	99.1	99.4	99.4	99.4	99.4
≥ 200	60.6	85.3	88.8	91.7	94.1	95.1	97.1	98.2	98.6	99.4	99.7	99.8	100.0	100.0	100.0	100.0
≥ 100	60.6	85.3	88.8	91.7	94.1	95.1	97.1	98.2	98.6	99.4	99.7	99.8	100.0	100.0	100.0	100.0
≥ 0	60.6	85.3	88.8	91.7	94.1	95.1	97.1	98.2	98.6	99.4	99.7	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF Weather Service/MAC

CEILING VERSUS VISIBILITY

1253.4

COLUMBUS AFB MS

70,73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 0	≥ 0.2	≥ 0.5	≥ 1	≥ 2	≥ 2.5	≥ 3	≥ 3.5	≥ 4	≥ 4.5	≥ 5	≥ 5.5	≥ 6	≥ 6.5	≥ 7	≥ 8
NO CEILING	39.2	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
≥ 2000	45.2	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 1800	45.5	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 1600	45.5	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 1400	46.3	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 1200	48.7	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 1000	50.3	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 900	50.8	56.9	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 800	53.0	59.8	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 700	53.9	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 600	54.7	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 500	55.8	64.5	64.5	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 450	56.5	65.3	65.3	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 400	57.3	66.5	66.5	66.7	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 350	58.1	67.7	67.7	67.9	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 300	60.0	70.2	70.3	70.7	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 250	60.7	73.4	73.7	74.2	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 200	61.6	75.8	76.3	76.7	77.6	77.7	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 180	61.7	76.4	77.0	77.4	78.5	78.6	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 150	62.8	79.9	80.6	81.1	82.5	82.6	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 120	62.9	81.4	82.8	83.5	85.1	85.3	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 100	63.0	82.3	84.0	84.8	86.5	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 90	63.2	83.0	84.8	85.8	87.7	88.2	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 80	63.4	83.7	85.6	86.7	88.9	89.5	90.0	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2
≥ 70	63.4	84.2	86.0	87.1	89.6	90.2	90.7	90.9	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.1
≥ 60	63.4	84.7	86.8	88.3	90.9	91.6	92.1	92.2	92.2	92.4	92.5	92.5	92.6	92.6	92.6	92.6
≥ 50	63.6	85.0	87.2	89.5	92.6	93.5	94.7	95.3	95.5	95.6	95.8	95.8	95.9	95.9	95.9	95.9
≥ 40	63.6	85.5	87.6	89.9	93.3	94.5	96.0	97.0	97.2	97.4	97.8	97.8	98.0	98.0	98.0	98.0
≥ 30	63.6	85.5	87.6	89.9	93.4	94.7	96.3	97.3	98.0	98.3	99.0	99.0	99.1	99.2	99.4	99.4
≥ 20	63.6	85.5	87.6	89.9	93.4	94.7	96.6	97.6	98.3	98.8	99.6	99.6	99.8	99.9	100.0	100.0
≥ 10	63.6	85.5	87.6	89.9	93.4	94.7	96.6	97.6	98.3	98.8	99.6	99.6	99.8	99.9	100.0	100.0
≥ 0	63.6	85.5	87.6	89.9	93.4	94.7	96.6	97.6	98.3	98.8	99.6	99.6	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 929

USAF ETAC FORM 0-16-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1203 6 COLUMBUS AFB MS

70,73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1900-2000
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	36.6	47.6	47.8	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 20000	39.5	52.5	52.7	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 18000	40.2	53.2	53.4	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 16000	40.7	53.7	53.9	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 14000	40.9	54.0	54.3	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 12000	42.0	55.4	55.7	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 10000	42.5	56.5	56.8	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 9000	42.5	56.8	57.2	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 8000	44.1	59.2	59.5	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 7000	45.3	61.2	61.6	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 6000	46.2	62.8	63.3	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 5000	47.3	65.1	65.7	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 4500	47.5	66.1	66.7	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 4000	47.6	66.8	67.5	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 3500	49.1	68.6	69.2	69.6	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 3000	50.1	70.3	71.0	71.5	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 2500	51.2	74.6	75.3	75.9	76.9	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 2000	52.1	77.2	78.4	78.9	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 1800	52.4	78.0	79.4	80.1	81.3	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 1600	52.6	80.5	82.2	83.1	84.6	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 1400	53.2	81.7	83.6	84.7	86.2	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1200	53.2	82.1	84.3	85.5	87.0	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 1000	53.4	82.9	85.3	86.7	88.2	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 900	53.4	83.3	85.7	87.1	88.8	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 800	53.4	83.4	85.9	87.5	89.3	90.0	90.2	90.5	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 700	53.4	83.6	86.1	87.7	89.8	90.7	91.1	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 600	53.4	83.9	86.4	88.3	91.3	92.2	92.9	93.3	93.4	93.8	93.8	93.8	93.8	93.9	94.0	94.0
≥ 500	53.4	84.0	86.8	88.8	92.0	93.3	94.4	95.3	95.4	95.8	95.8	95.8	95.8	95.9	96.2	96.2
≥ 400	53.4	84.0	87.0	89.2	92.8	94.2	95.8	96.9	97.1	97.5	97.7	97.7	97.7	98.0	98.3	98.3
≥ 300	53.4	84.0	87.0	89.2	93.0	94.6	96.2	97.3	97.7	98.3	98.7	98.7	98.7	99.1	99.6	99.6
≥ 200	53.4	84.0	87.0	89.2	93.0	94.6	96.2	97.3	97.7	98.3	98.7	98.7	98.7	99.1	99.6	99.6
≥ 100	53.4	84.0	87.0	89.2	93.0	94.6	96.2	97.3	97.7	98.3	98.7	98.7	98.7	99.1	99.6	99.6
≥ 0	53.5	84.1	87.1	89.3	93.1	94.7	96.3	97.4	97.8	98.4	98.9	98.9	98.9	99.5	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

929

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

720306

COLUMBUS AFB MS

70,73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	32.1	47.5	48.1	48.1	48.5	48.5	48.8	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	49.1
≥ 20000	33.7	50.9	51.5	51.6	52.0	52.0	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.5
≥ 18000	33.9	51.2	51.8	51.9	52.3	52.3	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.9
≥ 16000	34.3	51.7	52.2	52.3	52.7	52.7	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.3
≥ 14000	35.1	52.6	53.2	53.3	53.7	53.7	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.3
≥ 12000	35.7	53.5	54.0	54.1	54.6	54.6	54.8	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	55.1
≥ 10000	36.3	54.5	55.0	55.1	55.5	55.5	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	56.1
≥ 9000	36.5	54.8	55.3	55.4	55.9	55.9	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.4
≥ 8000	38.1	56.9	57.5	57.6	58.0	58.0	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.6
≥ 7000	39.2	58.7	59.2	59.3	59.7	59.7	60.0	60.0	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.4
≥ 6000	40.0	60.5	61.0	61.2	61.7	61.7	61.9	61.9	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.3
≥ 5000	40.9	63.2	63.7	63.9	64.4	64.4	64.6	64.6	64.7	64.8	64.8	64.8	64.8	64.8	64.8	65.0
≥ 4500	41.7	64.4	65.1	65.7	66.1	66.1	66.3	66.3	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.7
≥ 4000	42.1	65.8	66.5	67.1	67.6	67.6	67.8	67.8	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.2
≥ 3500	42.8	67.5	68.2	68.8	69.3	69.3	69.5	69.5	69.6	69.8	69.8	69.8	69.8	69.8	69.8	70.0
≥ 3000	43.6	70.4	71.3	71.8	72.4	72.4	72.7	72.7	72.8	72.9	72.9	72.9	72.9	72.9	72.9	73.1
≥ 2500	44.5	74.2	75.7	76.2	77.2	77.2	77.4	77.4	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.8
≥ 2000	45.1	77.1	78.8	79.3	80.3	80.3	80.6	80.6	80.7	80.9	80.9	80.9	80.9	80.9	80.9	81.2
≥ 1800	45.1	77.5	79.2	79.8	80.8	80.8	81.2	81.2	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.7
≥ 1500	45.2	79.2	81.1	81.8	83.1	83.1	83.4	83.4	83.5	83.7	83.7	83.7	83.7	83.7	83.7	84.0
≥ 1200	45.7	81.3	83.4	84.4	85.7	85.8	86.1	86.1	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.7
≥ 1000	45.9	82.1	84.5	85.7	87.2	87.3	87.6	87.6	87.7	87.9	87.9	87.9	87.9	87.9	87.9	88.2
≥ 900	45.9	82.7	85.0	86.2	87.7	87.8	88.2	88.2	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.7
≥ 800	45.9	82.7	85.0	86.2	87.9	88.2	88.5	88.5	88.6	88.8	88.8	88.8	88.8	88.8	88.8	89.0
≥ 700	45.9	83.3	86.0	87.2	89.0	89.5	89.8	89.9	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.4
≥ 600	45.9	84.0	86.7	87.8	89.9	90.3	90.6	90.7	90.9	91.3	91.3	91.3	91.3	91.3	91.3	91.5
≥ 500	45.9	84.2	87.5	88.8	91.5	92.1	92.5	92.6	92.7	93.1	93.1	93.1	93.2	93.2	93.2	93.4
≥ 400	45.9	84.2	87.7	89.1	92.2	93.2	93.6	94.5	94.6	95.2	95.2	95.2	95.3	95.6	95.6	95.8
≥ 300	45.9	84.2	87.8	89.5	93.0	94.1	94.8	95.7	95.8	96.4	96.6	96.6	96.7	97.1	97.2	97.4
≥ 200	45.9	84.2	87.8	89.6	93.2	94.4	95.6	96.8	97.1	98.0	98.5	98.5	99.0	99.5	99.6	99.8
≥ 100	45.9	84.2	87.8	89.6	93.2	94.4	95.6	96.8	97.1	98.0	98.5	98.5	99.0	99.5	99.7	100.0
≥ 0	45.9	84.2	87.8	89.6	93.2	94.4	95.6	96.8	97.1	98.0	98.5	98.5	99.0	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS

929

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7253.6

COLUMBUS AFB MS

70,73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	26.9	41.7	42.4	42.6	43.0	43.1	43.2	43.3	43.3	43.4	43.4	43.4	43.4	43.5	43.5	43.6
≥ 20000	31.9	46.1	46.9	47.2	47.6	47.7	47.8	47.9	47.9	48.0	48.0	48.0	48.0	48.1	48.1	48.2
≥ 18000	32.3	46.7	47.5	47.8	48.2	48.3	48.4	48.5	48.5	48.6	48.6	48.6	48.6	48.7	48.7	48.8
IV 16000	32.6	47.0	47.8	48.1	48.5	48.6	48.7	48.8	48.9	48.9	49.0	49.0	49.0	49.0	49.0	49.1
≥ 14000	33.2	47.8	48.6	48.8	49.2	49.3	49.5	49.6	49.6	49.7	49.7	49.7	49.7	49.8	49.8	49.9
IV 12000	34.2	49.1	50.0	50.2	50.6	50.7	50.9	50.9	51.0	51.1	51.1	51.1	51.1	51.1	51.2	51.2
≥ 10000	35.5	51.1	52.0	52.3	52.7	52.8	52.9	53.0	53.0	53.1	53.1	53.1	53.2	53.2	53.2	53.3
≥ 9000	35.3	51.7	52.6	52.9	53.3	53.4	53.5	53.6	53.6	53.7	53.7	53.7	53.8	53.8	53.8	53.9
≥ 8000	37.1	53.7	54.6	54.9	55.3	55.5	55.6	55.7	55.7	55.8	55.8	55.8	55.8	55.9	55.9	56.0
IV 7000	37.8	55.0	56.0	56.3	56.7	56.8	57.0	57.1	57.1	57.2	57.2	57.2	57.2	57.3	57.3	57.4
≥ 6000	38.5	56.5	57.5	57.9	58.3	58.4	58.5	58.6	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.9
IV 5000	39.4	58.4	59.5	59.8	60.3	60.4	60.5	60.6	60.6	60.7	60.8	60.8	60.8	60.8	60.8	60.9
≥ 4500	40.1	59.8	60.9	61.4	61.8	61.9	62.1	62.2	62.2	62.3	62.3	62.3	62.3	62.4	62.4	62.5
IV 4000	40.5	60.7	61.9	62.3	62.8	62.9	63.1	63.2	63.2	63.3	63.3	63.3	63.4	63.4	63.4	63.5
≥ 3500	41.1	62.2	63.4	63.8	64.3	64.5	64.6	64.7	64.8	64.8	64.9	64.9	64.9	65.0	65.0	65.0
IV 3000	42.0	64.1	65.4	65.9	66.6	66.7	66.9	67.0	67.0	67.1	67.1	67.1	67.1	67.2	67.2	67.3
≥ 2500	43.1	67.3	68.9	69.5	70.3	70.5	70.7	70.8	70.8	70.9	70.9	70.9	71.0	71.0	71.0	71.1
IV 2000	43.9	69.8	71.8	72.6	73.5	73.7	74.0	74.1	74.1	74.2	74.3	74.3	74.3	74.3	74.3	74.4
≥ 1800	44.2	71.0	73.0	73.8	74.9	75.1	75.3	75.5	75.5	75.6	75.6	75.6	75.7	75.7	75.7	75.8
IV 1500	44.3	73.9	76.2	77.2	78.4	78.7	79.0	79.2	79.2	79.3	79.3	79.3	79.4	79.4	79.4	79.5
≥ 1200	45.3	75.9	78.4	79.6	81.0	81.4	81.6	81.8	81.8	81.9	82.0	82.0	82.0	82.0	82.0	82.1
IV 1000	45.5	76.9	79.7	81.3	82.8	83.2	83.5	83.7	83.7	83.9	83.9	83.9	83.9	83.9	84.0	84.1
≥ 900	45.6	77.8	80.8	82.4	84.0	84.4	84.8	85.0	85.1	85.2	85.2	85.2	85.3	85.3	85.3	85.4
IV 800	45.6	78.4	81.5	83.4	85.2	85.8	86.3	86.6	86.7	86.8	86.9	86.9	86.9	86.9	87.0	87.0
≥ 700	45.7	79.0	82.4	84.6	86.6	87.4	88.0	88.3	88.4	88.6	88.6	88.7	88.7	88.7	88.7	88.8
IV 600	45.9	79.6	83.4	85.9	88.3	89.4	90.1	90.5	90.6	90.9	90.9	90.9	91.0	91.0	91.0	91.1
≥ 500	45.9	80.0	84.2	87.1	90.0	91.4	92.4	93.0	93.3	93.6	93.7	93.7	93.8	93.9	93.9	94.0
IV 400	45.9	80.2	84.5	87.5	90.9	92.5	93.7	94.8	95.2	95.6	95.8	95.8	95.9	96.1	96.2	96.3
≥ 300	45.9	80.3	84.7	87.8	91.5	93.2	94.8	96.0	96.5	97.1	97.5	97.5	97.7	97.9	98.0	98.2
IV 200	45.9	80.3	84.7	87.9	91.5	93.4	95.1	96.3	97.0	97.7	98.5	98.5	98.9	99.3	99.4	99.8
≥ 100	45.9	80.3	84.7	87.9	91.5	93.4	95.1	96.3	97.0	97.7	98.5	98.6	99.0	99.4	99.5	100.0
IV 0	45.9	80.3	84.7	87.9	91.6	93.4	95.1	96.3	97.0	97.8	98.5	98.6	99.0	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 7433

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7233.6

COLUMBUS AFB MS

70,73-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/8	≥4	≥0
NO CEILING	24.2	51.9	52.7	53.7	53.8	53.9	54.1	54.4	54.4	54.6	54.6	54.7	54.7	54.7	55.7	55.0
≥ 20000	26.1	55.8	56.6	57.7	57.8	57.9	58.2	58.4	58.4	58.6	58.6	58.7	58.7	58.7	59.0	59.0
≥ 18000	26.6	56.3	57.1	58.2	58.3	58.4	58.6	58.9	58.9	59.1	59.1	59.2	59.2	59.2	59.5	59.5
≥ 16000	27.2	57.0	57.8	58.9	59.0	59.1	59.3	59.6	59.6	59.8	59.8	59.9	59.9	59.9	60.2	60.2
≥ 14000	27.9	57.9	58.7	59.8	59.9	60.0	60.3	60.6	60.6	60.9	60.9	61.0	61.0	61.0	61.2	61.2
≥ 12000	28.1	58.9	59.7	60.8	60.9	61.0	61.2	61.6	61.6	61.8	61.8	61.9	61.9	61.9	62.2	62.2
≥ 10000	29.2	61.1	61.9	63.1	63.2	63.4	63.6	63.9	63.9	64.2	64.2	64.3	64.3	64.3	64.5	64.5
≥ 9000	29.7	62.1	62.9	64.1	64.2	64.3	64.5	64.9	64.9	65.1	65.1	65.2	65.2	65.2	65.5	65.5
≥ 8000	30.3	63.6	64.4	65.6	65.7	65.8	66.1	66.4	66.4	66.7	66.7	66.8	66.8	66.8	67.0	67.0
≥ 7000	30.7	64.3	65.1	66.3	66.4	66.5	66.8	67.1	67.1	67.4	67.4	67.5	67.5	67.5	67.7	67.7
≥ 6000	30.7	65.8	66.7	67.8	68.0	68.1	68.3	68.7	68.7	68.9	68.9	69.0	69.0	69.0	69.3	69.3
≥ 5000	31.6	68.3	69.3	70.8	71.0	71.2	71.4	71.7	71.7	72.0	72.0	72.1	72.1	72.1	72.3	72.3
≥ 4500	32.2	70.7	71.7	73.4	73.6	73.8	74.0	74.3	74.3	74.6	74.6	74.7	74.7	74.7	74.9	74.9
≥ 4000	32.2	71.4	72.5	74.1	74.5	74.6	74.8	75.2	75.2	75.4	75.4	75.5	75.5	75.5	75.8	75.8
≥ 3500	32.4	73.0	74.1	75.8	76.1	76.2	76.5	76.8	76.8	77.1	77.1	77.2	77.2	77.2	77.4	77.4
≥ 3000	33.3	76.8	78.1	80.3	80.7	80.9	81.2	81.6	81.6	81.8	81.8	81.9	81.9	81.9	82.2	82.2
≥ 2500	34.6	80.3	81.7	83.9	84.4	84.5	85.0	85.3	85.3	85.6	85.6	85.7	85.7	85.8	86.1	86.1
≥ 2000	35.7	82.5	84.3	86.5	87.1	87.2	87.7	88.1	88.1	88.3	88.3	88.4	88.4	88.5	88.8	88.8
≥ 1800	35.7	83.3	85.1	87.4	87.9	88.1	88.5	88.9	89.0	89.2	89.2	89.4	89.4	89.5	89.7	89.7
≥ 1500	36.2	84.5	86.4	88.8	89.4	89.5	90.0	90.3	90.4	90.7	90.7	90.8	90.8	90.9	91.1	91.1
≥ 1200	36.4	85.2	87.2	89.6	90.3	90.4	91.0	91.4	91.5	91.7	91.7	91.8	91.8	92.0	92.2	92.2
≥ 1000	36.6	85.8	87.8	90.7	91.5	91.6	92.2	92.6	92.7	92.9	92.9	93.0	93.0	93.1	93.4	93.4
≥ 900	36.7	86.5	88.5	91.4	92.6	92.8	93.5	93.9	94.0	94.2	94.2	94.3	94.3	94.4	94.7	94.7
≥ 800	36.9	86.6	88.7	91.6	92.8	93.0	93.7	94.1	94.2	94.4	94.4	94.6	94.6	94.7	94.9	94.9
≥ 700	36.9	87.0	89.2	92.4	93.6	93.9	94.6	94.9	95.0	95.3	95.3	95.4	95.4	95.5	95.7	95.7
≥ 600	37.0	87.1	89.7	93.0	94.6	94.8	95.5	95.9	96.0	96.2	96.2	96.3	96.3	96.5	96.7	96.7
≥ 500	37.1	87.4	90.0	93.6	95.2	95.5	96.6	96.9	97.0	97.4	97.4	97.5	97.5	97.6	97.9	97.9
≥ 400	37.1	87.5	90.2	93.9	95.7	96.2	97.3	97.8	97.9	98.2	98.2	98.3	98.3	98.5	98.7	98.7
≥ 300	37.1	87.5	90.2	93.9	96.1	96.6	97.8	98.3	98.5	98.8	99.1	99.2	99.2	99.3	99.5	99.5
≥ 200	37.1	87.5	90.2	93.9	96.1	96.6	97.8	98.3	98.5	98.8	99.2	99.3	99.3	99.4	99.6	99.6
≥ 100	37.1	87.5	90.2	93.9	96.1	96.6	97.8	98.5	98.7	99.1	99.4	99.5	99.5	99.8	100.0	100.0
≥ 0	37.1	87.5	90.2	93.9	96.1	96.6	97.8	98.5	98.7	99.1	99.4	99.5	99.5	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 346

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AT WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

121316

COLUMBUS AFB MS

70,73-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING	17.8	46.6	57.2	51.5	53.2	53.3	53.4	53.5	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 20000	18.8	49.5	53.5	55.0	56.6	56.7	56.9	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 18000	19.1	49.9	53.9	55.3	57.0	57.1	57.1	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 16000	19.6	50.5	54.5	55.9	57.6	57.7	57.8	57.9	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 14000	20.1	50.9	55.0	56.4	58.0	58.2	58.3	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 12000	20.7	52.1	56.1	57.6	59.2	59.3	59.5	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 10000	21.4	54.0	58.0	59.5	61.1	61.2	61.3	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 9000	21.6	54.8	58.9	60.3	61.9	62.1	62.2	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 8000	22.0	55.9	59.9	61.3	63.0	63.1	63.2	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 7000	22.7	57.2	61.3	62.8	64.4	64.5	64.7	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 6000	23.9	59.0	63.1	64.5	66.2	66.3	66.4	66.5	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 5000	24.3	61.0	65.5	67.0	68.7	68.8	68.9	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 4500	24.7	62.6	67.3	68.9	70.6	70.7	70.8	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 4000	24.7	63.0	67.8	69.5	71.2	71.3	71.4	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 3500	24.7	64.2	69.3	71.0	72.7	72.8	72.9	73.0	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 3000	25.3	65.5	71.0	72.8	74.7	74.8	74.9	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 2500	26.2	68.8	74.5	76.5	78.4	78.5	78.6	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 2000	28.1	73.4	79.1	81.2	83.1	83.3	83.5	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 1800	28.4	74.6	80.4	82.5	84.4	84.6	84.8	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 1500	29.0	77.4	83.7	85.8	87.7	87.9	88.1	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1200	29.1	79.0	85.3	88.1	90.0	90.3	90.7	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1000	29.1	79.4	86.1	88.8	90.7	91.1	91.5	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 900	29.1	79.8	86.5	89.2	91.1	91.7	92.1	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 800	29.2	80.1	86.9	89.6	91.5	92.1	92.6	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 700	29.3	80.5	87.2	90.0	91.8	92.6	93.0	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 600	29.3	80.9	87.8	90.8	93.0	93.9	94.3	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 500	29.3	80.9	88.1	91.5	94.2	95.4	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 400	29.3	81.0	88.2	91.7	94.7	95.9	96.7	97.0	97.0	97.2	97.3	97.3	97.4	97.4	97.4	97.4
≥ 300	29.3	81.0	88.2	91.7	94.7	96.0	96.8	97.6	97.8	97.9	98.2	98.2	98.5	98.5	98.5	98.5
≥ 200	29.3	81.0	88.2	91.7	94.8	96.1	96.9	97.8	97.9	98.0	98.5	98.5	99.2	99.3	99.4	99.4
≥ 100	29.3	81.0	88.2	91.7	94.8	96.1	96.9	98.0	98.5	98.6	99.1	99.1	99.8	99.9	100.0	100.0
≥ 0	29.3	81.0	88.2	91.7	94.8	96.1	96.9	98.0	98.5	98.6	99.1	99.1	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

846

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

123376

COLUMBUS AFB MS

70,73-81

PER

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥4
NO CEILING	17.3	36.2	39.4	42.7	44.7	44.9	45.9	46.5	46.5	46.6	46.7	46.7	46.8	46.8	46.8	46.9
≥ 20000	18.7	39.2	42.9	46.2	48.3	48.6	49.9	50.6	50.6	50.7	50.8	50.8	50.9	50.9	50.9	51.1
≥ 18000	18.7	39.2	42.9	46.2	48.3	48.6	49.9	50.6	50.6	50.7	50.8	50.8	50.9	50.9	50.9	51.1
≥ 16000	19.1	39.7	43.5	46.9	49.1	49.3	50.6	51.3	51.3	51.4	51.5	51.5	51.7	51.7	51.8	51.8
≥ 14000	19.4	40.2	44.0	47.4	49.5	49.8	51.1	51.8	51.8	51.9	52.0	52.0	52.1	52.1	52.2	52.2
≥ 12000	20.4	42.0	45.7	49.2	51.3	51.5	52.8	53.5	53.5	53.7	53.8	53.8	53.9	53.9	54.0	54.0
≥ 10000	21.4	44.2	48.2	51.7	53.8	54.0	55.3	56.0	56.0	56.1	56.3	56.3	56.4	56.4	56.5	56.5
≥ 9000	21.7	45.0	49.1	52.5	54.6	54.8	56.1	56.9	56.9	57.0	57.1	57.1	57.2	57.2	57.3	57.3
≥ 8000	22.3	46.6	50.6	54.0	56.1	56.4	57.7	58.4	58.4	58.5	58.6	58.6	58.7	58.7	58.9	58.9
≥ 7000	23.3	48.8	53.0	56.4	58.5	58.7	60.0	60.8	60.8	60.9	61.0	61.0	61.1	61.1	61.2	61.2
≥ 6000	24.5	50.0	54.3	57.8	59.9	60.2	61.6	62.3	62.3	62.4	62.5	62.5	62.6	62.6	62.8	62.8
≥ 5000	25.2	52.0	56.5	60.2	62.4	62.6	64.1	64.8	64.8	64.9	65.0	65.0	65.1	65.1	65.2	65.2
≥ 4500	25.3	53.1	57.8	61.6	64.1	64.3	65.8	66.5	66.5	66.7	66.8	66.8	66.9	66.9	67.0	67.0
≥ 4000	25.3	53.7	58.5	62.3	64.8	65.0	66.7	67.4	67.4	67.5	67.6	67.6	67.7	67.7	67.8	67.8
≥ 3500	25.5	55.1	60.0	63.8	66.4	66.7	68.3	69.0	69.0	69.1	69.3	69.3	69.4	69.4	69.5	69.5
≥ 3000	26.1	57.4	62.5	66.3	68.9	69.1	70.8	71.5	71.5	71.6	71.7	71.7	71.9	71.9	72.0	72.0
≥ 2500	27.8	61.9	67.4	71.4	74.2	74.5	76.1	76.8	76.8	77.0	77.1	77.1	77.2	77.2	77.3	77.3
≥ 2000	28.6	63.7	69.4	73.8	76.6	76.8	78.5	79.3	79.3	79.4	79.6	79.6	79.7	79.7	79.8	79.8
≥ 1800	29.1	65.2	71.0	75.4	78.4	78.6	80.4	81.2	81.2	81.3	81.4	81.4	81.6	81.6	81.7	81.7
≥ 1500	29.7	67.4	73.4	78.4	81.3	81.6	83.3	84.4	84.4	84.5	84.6	84.6	84.8	84.8	84.9	84.9
≥ 1200	29.9	68.3	74.9	80.0	83.1	83.5	85.2	86.4	86.4	86.5	86.6	86.6	86.8	86.8	86.9	86.9
≥ 1000	30.1	69.9	77.2	82.7	85.9	86.3	88.2	89.4	89.4	89.5	89.6	89.6	89.7	89.7	89.8	89.8
≥ 900	30.4	70.3	77.9	83.7	87.4	87.8	89.7	90.9	90.9	91.0	91.1	91.1	91.3	91.4	91.5	91.5
≥ 800	30.4	70.8	78.5	84.4	88.4	89.0	91.0	92.2	92.2	92.3	92.4	92.4	92.6	92.7	92.8	92.8
≥ 700	30.4	70.9	78.7	84.8	89.2	89.8	91.8	93.1	93.1	93.3	93.4	93.4	93.5	93.6	93.7	93.7
≥ 600	30.4	71.2	79.2	85.2	89.8	90.5	92.6	94.1	94.1	94.3	94.4	94.4	94.6	94.7	94.8	94.8
≥ 500	30.4	71.3	79.4	85.6	90.2	91.3	93.6	95.5	95.6	96.0	96.1	96.1	96.2	96.3	96.5	96.5
≥ 400	30.4	71.3	79.4	85.7	90.5	91.8	94.4	96.5	96.7	97.0	97.3	97.3	97.5	97.6	97.8	97.8
≥ 300	30.4	71.3	79.4	85.7	90.5	91.8	94.4	96.7	97.2	97.6	97.9	98.0	98.3	98.5	98.6	98.6
≥ 200	30.4	71.3	79.4	85.7	90.5	91.8	94.4	96.8	97.3	97.9	98.2	98.6	98.9	99.3	99.5	99.6
≥ 100	30.4	71.3	79.4	85.7	90.5	91.8	94.4	96.8	97.3	97.9	98.2	98.6	99.1	99.4	99.8	100.0
≥ 0	30.4	71.3	79.4	85.7	90.5	91.8	94.4	96.8	97.3	97.9	98.2	98.6	99.1	99.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS

640

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

120376 COLUMBUS AFB MS

70,73-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	27.4	40.1	41.3	42.1	42.3	42.6	42.8	42.8	42.8	42.9	42.9	42.9	42.9	42.9	42.9	42.9
≥ 20000	32.7	45.5	46.7	47.5	47.8	48.0	48.2	48.2	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 18000	32.2	45.6	46.8	47.6	47.9	48.1	48.3	48.3	48.3	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 16000	32.4	45.9	47.0	47.9	48.1	48.3	48.6	48.6	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 14000	33.5	47.0	48.2	49.1	49.3	49.5	49.8	49.8	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 12000	35.0	48.6	49.8	50.6	50.8	51.1	51.3	51.3	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 10000	36.6	51.4	52.6	53.4	53.7	53.9	54.1	54.1	54.1	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 9000	37.1	52.7	53.9	54.7	55.0	55.2	55.4	55.4	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 8000	38.2	54.6	55.9	56.9	57.1	57.3	57.7	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 7000	39.4	56.9	58.3	59.2	59.5	59.7	60.0	60.0	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 6000	39.7	57.6	59.0	59.9	60.3	60.6	61.0	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 5000	40.7	59.6	61.1	62.3	62.8	63.1	63.5	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 4500	41.9	60.5	62.1	63.2	63.7	64.1	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 4000	42.1	62.3	63.8	65.0	65.6	66.0	66.3	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 3500	42.7	63.9	65.5	66.7	67.3	67.6	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 3000	44.4	66.9	68.6	69.7	70.3	70.7	71.0	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 2500	45.3	70.1	72.0	73.2	73.8	74.1	74.5	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 2000	47.3	74.2	76.4	77.7	78.4	79.1	79.4	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 1800	47.4	75.1	77.2	78.5	79.2	79.9	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 1500	47.8	77.5	79.8	81.1	81.8	82.5	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 1200	48.8	80.3	82.6	84.2	85.1	85.8	86.2	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 1000	49.1	81.9	85.0	86.9	88.2	88.9	89.2	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 900	49.2	82.9	85.9	87.9	89.6	90.4	90.8	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 800	49.2	83.7	86.9	89.1	91.4	92.3	92.8	93.0	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 700	49.2	83.9	87.1	89.7	92.2	93.3	93.7	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 600	49.2	84.6	87.9	90.9	93.6	94.7	95.3	95.6	95.6	95.9	96.0	96.0	96.0	96.0	96.0	96.0
≥ 500	49.2	84.6	88.2	91.3	94.1	95.2	96.0	96.7	96.8	97.0	97.2	97.2	97.2	97.2	97.2	97.2
≥ 400	49.2	85.1	88.8	92.0	95.0	96.2	97.4	98.3	98.7	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	49.2	85.2	88.9	92.1	95.2	96.3	97.5	98.6	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	49.2	85.2	88.9	92.1	95.2	96.3	97.5	98.6	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	49.2	85.2	88.9	92.1	95.2	96.3	97.5	98.6	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	49.2	85.2	88.9	92.1	95.2	96.3	97.5	98.6	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 846

CLIMATE CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12.3.6 COLUMBUS AFB MS

70,73-81

PER

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO RECORD	39.3	46.2	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 27000	44.3	53.3	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 18000	45.7	53.5	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 15000	45.7	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 14000	46.7	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 12000	47.4	56.1	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 10000	49.5	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 9000	50.1	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 8000	50.7	61.6	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 7000	51.1	62.5	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 6000	51.7	63.2	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 5000	53.1	65.6	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 4500	53.4	66.4	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 4000	55.2	68.4	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 3500	56.6	70.4	70.9	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 3000	59.1	74.3	74.8	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 2500	61.1	78.7	79.3	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 2000	63.9	82.9	83.7	84.2	84.3	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 1800	64.2	83.3	84.2	84.6	84.8	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1500	65.7	86.8	87.8	88.4	88.7	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 1200	65.3	88.1	89.6	90.3	90.7	91.1	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1000	66.4	89.1	91.7	91.7	92.7	93.1	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 900	66.7	90.3	92.0	93.0	94.1	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 800	66.8	90.5	92.3	93.6	94.9	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 700	66.8	90.9	92.7	94.2	95.6	96.2	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 600	66.8	91.1	93.1	95.0	97.0	97.6	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 500	66.8	91.1	93.1	95.0	97.2	97.8	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 400	66.8	91.3	93.4	95.3	97.5	98.1	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300	66.8	91.3	93.4	95.3	97.5	98.1	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 200	66.8	91.3	93.4	95.3	97.5	98.1	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 100	66.8	91.3	93.4	95.3	97.5	98.1	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 0	66.8	91.3	93.4	95.3	97.5	98.1	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8

TOTAL NUMBER OF OBSERVATIONS 845

CLIMATE CLIMATOLOGY BRANCH
USAF ETAC
AT WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7223-26

COLUMBUS AFB MS

70,73-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	42.3	48.4	48.4	48.5	48.5	48.5	48.5	48.5	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 20000	49.5	56.3	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 18000	49.9	56.9	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 16000	50.9	57.9	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 14000	51.1	58.2	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 12000	52.2	59.6	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 10000	54.3	62.6	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 9500	54.6	63.1	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 8000	55.4	64.6	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 7000	55.7	65.1	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 6000	56.4	66.5	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 5000	58.5	68.8	69.1	69.5	69.7	69.7	69.7	69.8	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9
≥ 4500	58.9	69.7	70.1	70.4	70.8	70.8	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 4000	60.8	72.3	72.7	73.0	73.5	73.5	73.6	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 3500	62.7	74.9	75.3	75.6	76.1	76.1	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 3000	64.5	77.9	78.2	78.6	79.1	79.1	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 2500	65.9	81.2	81.8	82.1	82.6	82.6	82.8	82.8	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 2000	68.0	86.0	86.7	87.1	87.7	87.8	88.2	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1800	68.3	86.9	87.6	87.9	88.5	88.6	89.0	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1500	69.3	88.8	89.5	89.8	90.7	90.8	91.2	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1200	69.8	90.3	91.1	91.5	92.8	92.9	93.8	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1000	70.1	91.4	92.2	92.5	93.8	94.0	94.9	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 900	70.2	91.7	92.5	92.9	94.3	94.7	95.6	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 800	70.7	92.3	93.5	94.0	95.9	96.2	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 700	70.7	92.3	93.6	94.2	96.2	96.7	97.6	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 600	70.8	92.5	93.8	94.7	96.9	97.4	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 500	70.9	92.7	94.0	94.8	97.0	97.5	98.7	99.1	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	70.9	92.7	94.0	94.8	97.0	97.5	98.7	99.1	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	70.9	92.7	94.0	94.8	97.0	97.5	98.7	99.1	99.4	99.5	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	70.9	92.7	94.0	94.8	97.0	97.5	98.7	99.1	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	70.9	92.7	94.0	94.8	97.0	97.5	98.7	99.1	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	70.9	92.7	94.0	94.8	97.0	97.5	98.7	99.1	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 645

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

720326

COLUMBUS AFB MS

70,73-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥4	≥0
NO CEILING	39.5	54.3	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 20000	42.9	61.2	60.5	60.8	60.8	60.8	60.8	60.9	60.9	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 18000	43.4	63.9	61.3	61.6	61.6	61.6	61.6	61.7	61.7	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 16000	44.0	61.6	62.1	62.3	62.3	62.3	62.3	62.4	62.4	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 14000	44.3	62.1	62.5	62.8	62.8	62.8	62.8	62.9	62.9	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 12000	44.9	62.8	63.2	63.5	63.5	63.5	63.5	63.6	63.6	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 10000	46.6	65.1	65.6	66.0	66.0	66.0	66.0	66.1	66.1	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 9000	46.6	65.2	65.7	66.1	66.1	66.1	66.1	66.2	66.2	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 8000	47.5	67.6	68.2	68.6	68.6	68.6	68.6	68.7	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 7000	48.1	68.8	69.4	69.7	69.7	69.7	69.7	69.9	69.9	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 6000	48.7	69.9	70.4	70.9	70.9	70.9	70.9	71.0	71.0	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 5000	50.1	72.8	73.6	74.5	74.7	74.8	74.9	75.1	75.1	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 4500	50.6	74.1	74.9	75.8	76.1	76.2	76.4	76.5	76.5	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 4000	50.7	75.1	75.9	76.7	77.1	77.2	77.4	77.5	77.5	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 3500	51.8	77.2	78.1	78.8	79.2	79.3	79.7	79.8	79.8	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 3000	53.1	78.8	79.9	80.9	81.3	81.4	81.8	81.9	81.9	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 2500	54.0	81.8	83.1	84.0	84.8	84.9	85.7	85.9	85.9	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 2000	54.7	84.0	85.3	86.4	87.4	87.6	88.5	88.8	88.8	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1800	54.7	84.3	85.8	86.9	87.8	88.2	89.1	89.4	89.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1500	55.0	86.3	87.9	89.2	90.3	90.8	91.8	92.1	92.1	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1200	55.2	87.1	88.9	90.2	91.4	91.8	92.9	93.1	93.1	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1000	55.4	87.5	89.4	90.7	92.1	92.6	93.6	93.9	93.9	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 900	55.7	88.4	90.3	91.6	93.1	93.6	94.7	94.9	94.9	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 800	56.1	89.0	90.9	92.6	94.3	94.8	96.1	96.3	96.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 700	56.0	89.2	91.1	92.8	94.8	95.3	96.6	97.0	97.0	97.5	97.6	97.6	97.6	97.6	97.6	97.6
≥ 600	56.1	89.5	91.4	93.0	95.0	95.5	96.8	97.4	97.4	97.9	98.0	98.0	98.0	98.0	98.0	98.0
≥ 500	56.4	89.7	91.7	93.6	95.9	96.3	97.8	98.5	98.5	98.9	99.1	99.1	99.1	99.1	99.1	99.1
≥ 400	56.4	89.7	91.7	93.6	96.0	96.6	98.1	98.8	98.8	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	56.4	89.7	91.7	93.6	96.0	96.6	98.1	98.8	98.8	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 200	56.4	89.7	91.7	93.6	96.0	96.6	98.1	98.9	98.9	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	56.4	89.7	91.7	93.6	96.0	96.6	98.1	98.9	98.9	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	56.4	89.7	91.7	93.6	96.0	96.6	98.1	98.9	98.9	99.5	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS

846

USAF ETAC

FORM
JUL 64

0-14-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

728386

COLUMBUS AFB MS

70,73-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 3/16	≥ ¼	≥ 0
NO CEILING	31.3	54.8	56.1	56.1	56.3	56.3	56.3	56.4	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 20000	33.7	58.3	59.6	59.6	59.7	59.7	59.7	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 18000	33.2	58.6	59.9	59.9	60.0	60.0	60.0	60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 16000	33.7	59.5	60.8	60.8	60.9	60.9	60.9	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 14000	34.2	60.0	61.3	61.5	61.6	61.6	61.6	61.8	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 12000	35.5	61.5	62.9	63.1	63.2	63.2	63.2	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 10000	36.4	63.2	64.7	64.9	65.0	65.0	65.0	65.2	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 9000	36.6	63.6	65.0	65.2	65.4	65.4	65.4	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 8000	37.2	65.6	67.1	67.4	67.5	67.5	67.5	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 7000	37.6	67.0	68.6	68.8	68.9	68.9	68.9	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 6000	38.2	68.4	70.0	70.3	70.4	70.4	70.4	70.7	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 5000	39.7	71.3	72.8	73.5	74.0	74.2	74.2	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 4500	40.2	73.3	74.9	75.7	76.1	76.4	76.5	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 4000	40.9	75.1	76.7	77.4	78.0	78.3	78.4	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 3500	41.4	76.8	78.5	79.2	79.9	80.3	80.4	80.7	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 3000	42.1	78.6	80.6	81.3	82.0	82.4	82.6	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 2500	43.3	81.7	83.9	84.9	85.9	86.3	86.5	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 2000	44.0	83.6	86.1	87.1	88.3	88.7	88.9	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 1800	44.1	84.0	86.5	87.6	88.8	89.1	89.4	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1500	44.1	85.1	87.6	88.9	90.1	90.5	91.1	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1200	44.7	86.3	89.1	90.5	91.7	92.2	92.9	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1000	44.7	86.4	89.2	90.8	92.0	92.4	93.1	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 900	44.8	86.6	89.6	91.3	92.4	92.9	93.7	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 800	45.0	86.9	90.2	92.2	93.4	93.9	94.7	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 700	45.0	87.0	90.4	92.4	93.7	94.2	95.2	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 600	45.2	87.1	90.8	93.4	95.3	95.7	96.8	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 500	45.3	87.4	91.3	93.9	96.0	96.6	98.0	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	45.3	87.5	91.4	94.0	96.2	96.9	98.3	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 300	45.3	87.5	91.5	94.1	96.3	97.0	98.5	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 200	45.3	87.5	91.5	94.1	96.3	97.0	98.5	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	45.3	87.5	91.5	94.1	96.3	97.0	98.5	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	45.3	87.5	91.5	94.1	96.3	97.0	98.5	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS

846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT: WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7253 16

COLUMBUS AFB MS

70,73-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING	29.8	47.3	48.6	49.4	50.0	50.1	50.2	50.4	50.4	50.5	50.6	50.6	50.6	50.6	50.6	50.6
≥ 20000	33.2	52.3	53.7	54.6	55.1	55.2	55.5	55.6	55.7	55.8	55.8	55.8	55.8	55.8	55.9	55.9
≥ 18000	33.5	52.6	54.1	55.0	55.5	55.6	55.8	56.0	56.0	56.2	56.2	56.2	56.2	56.2	56.3	56.3
≥ 16000	34.1	53.3	54.8	55.7	56.2	56.3	56.5	56.7	56.7	56.9	56.9	56.9	56.9	56.9	57.0	57.0
≥ 14000	34.6	54.0	55.5	56.4	56.9	57.0	57.2	57.4	57.4	57.6	57.6	57.6	57.6	57.6	57.7	57.7
≥ 12000	35.6	55.2	56.7	57.6	58.2	58.3	58.5	58.7	58.7	58.8	58.9	58.9	58.9	58.9	58.9	58.9
≥ 10000	36.9	57.7	59.2	60.2	60.7	60.8	61.0	61.2	61.2	61.4	61.4	61.4	61.4	61.4	61.5	61.5
≥ 9000	37.3	58.4	59.9	60.9	61.4	61.5	61.7	61.9	62.0	62.1	62.1	62.1	62.1	62.1	62.2	62.2
≥ 8000	37.9	60.0	61.6	62.6	63.1	63.2	63.5	63.7	63.7	63.8	63.8	63.9	63.9	63.9	63.9	63.9
≥ 7000	38.6	61.3	63.0	64.0	64.5	64.6	64.8	65.0	65.1	65.2	65.2	65.2	65.2	65.2	65.3	65.3
≥ 6000	39.2	62.6	64.2	65.2	65.8	65.9	66.2	66.4	66.4	66.5	66.5	66.5	66.5	66.6	66.6	66.6
≥ 5000	40.4	64.9	66.8	68.0	68.7	68.8	69.1	69.3	69.4	69.5	69.5	69.5	69.5	69.5	69.6	69.6
≥ 4500	40.8	66.3	68.2	69.5	70.2	70.4	70.7	70.9	70.9	71.1	71.1	71.1	71.1	71.1	71.2	71.2
≥ 4000	41.5	67.7	69.6	70.9	71.7	71.8	72.2	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.7	72.7
≥ 3500	42.2	69.5	71.4	72.8	73.6	73.8	74.1	74.3	74.4	74.5	74.5	74.6	74.6	74.6	74.6	74.6
≥ 3000	43.5	72.0	74.2	75.6	76.5	76.7	77.1	77.3	77.3	77.5	77.5	77.5	77.5	77.5	77.6	77.6
≥ 2500	44.9	75.6	78.0	79.5	80.5	80.6	81.1	81.4	81.4	81.5	81.6	81.6	81.6	81.6	81.6	81.6
≥ 2000	46.3	78.8	81.4	83.0	84.1	84.4	84.9	85.2	85.2	85.4	85.4	85.4	85.4	85.4	85.5	85.5
≥ 1800	46.5	79.6	82.2	83.8	85.0	85.3	85.8	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.4	86.4
≥ 1500	47.1	81.7	84.5	86.3	87.5	87.8	88.4	88.7	88.8	88.9	88.9	89.0	89.0	89.0	89.0	89.0
≥ 1200	47.5	83.1	86.1	88.0	89.4	89.8	90.5	90.9	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.1
≥ 1000	47.7	83.9	87.2	89.3	90.9	91.3	92.0	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.7	92.7
≥ 900	47.8	84.6	87.9	90.1	91.8	92.3	93.1	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.8	93.8
≥ 800	48.0	85.0	88.5	90.9	92.8	93.4	94.2	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.9	94.9
≥ 700	48.0	85.2	88.8	91.3	93.4	94.0	94.9	95.3	95.3	95.5	95.5	95.5	95.5	95.6	95.6	95.6
≥ 600	48.1	85.5	89.2	92.0	94.4	95.0	96.0	96.5	96.5	96.7	96.7	96.7	96.7	96.8	96.8	96.8
≥ 500	48.2	85.6	89.5	92.4	95.0	95.7	96.9	97.5	97.5	97.8	97.9	97.9	97.9	97.9	98.0	98.0
≥ 400	48.2	85.7	89.6	92.6	95.3	96.2	97.4	98.1	98.3	98.5	98.7	98.7	98.7	98.8	98.8	98.8
≥ 300	48.2	85.8	89.7	92.6	95.4	96.2	97.6	98.4	98.6	98.9	99.2	99.2	99.3	99.3	99.4	99.4
≥ 200	48.2	85.8	89.7	92.6	95.4	96.3	97.6	98.4	98.7	99.0	99.3	99.4	99.6	99.6	99.7	99.7
≥ 100	48.2	85.8	89.7	92.6	95.4	96.3	97.6	98.5	98.8	99.1	99.5	99.5	99.7	99.8	99.9	99.9
≥ 0	48.2	85.8	89.7	92.6	95.4	96.3	97.6	98.5	98.8	99.1	99.5	99.5	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 6767

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1203 16

COLUMBUS AFB MS

70,73-81

MAC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	24.7	48.9	57.5	50.9	51.1	51.1	51.1	51.2	51.2	51.2	51.2	51.3	51.3	51.3	51.3	51.4
≥ 20000	26.9	53.4	55.3	55.8	56.0	56.0	56.0	56.1	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.3
≥ 18000	27.2	53.8	55.6	56.1	56.3	56.3	56.3	56.5	56.5	56.5	56.5	56.6	56.6	56.6	56.6	56.7
≥ 16000	27.3	53.9	55.8	56.3	56.6	56.6	56.6	56.7	56.7	56.7	56.7	56.8	56.8	56.8	56.8	56.9
≥ 14000	28.3	54.9	56.9	57.4	57.6	57.6	57.6	57.7	57.7	57.7	57.7	57.8	57.8	57.8	57.8	58.0
≥ 12000	28.8	55.5	57.4	58.0	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.5
≥ 10000	30.5	58.7	60.6	61.2	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.7
≥ 9000	31.2	59.5	61.4	61.9	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.5
≥ 8000	32.7	62.2	64.2	64.9	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.5
≥ 7000	33.4	63.8	65.9	66.7	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.1	67.1	67.1	67.1	67.2
≥ 6000	33.3	65.3	67.7	68.5	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.9	68.9	68.9	68.9	69.0
≥ 5000	34.5	66.9	69.7	71.0	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.7
≥ 4500	35.9	68.8	71.8	73.2	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.9	73.9	73.9	73.9	74.0
≥ 4000	36.1	70.4	73.4	74.8	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.7
≥ 3500	36.6	71.3	74.3	75.7	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.5	76.5	76.5	76.5	76.6
≥ 3000	38.0	73.2	76.6	78.1	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.9
≥ 2500	39.0	77.0	80.3	82.4	83.0	83.0	83.2	83.3	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.5
≥ 2000	39.9	79.5	82.9	85.2	85.9	85.9	86.1	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.5
≥ 1800	40.1	80.0	83.4	85.7	86.5	86.5	86.7	86.8	86.8	86.8	86.8	86.9	86.9	86.9	86.9	87.0
≥ 1500	40.4	81.9	85.6	88.1	88.9	89.0	89.4	89.5	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.7
≥ 1200	41.2	84.2	87.8	90.6	91.6	91.7	92.2	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.5
≥ 1000	41.3	85.3	89.0	91.8	92.8	92.9	93.3	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.7
≥ 900	41.3	85.5	89.2	92.0	93.0	93.2	93.7	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9	94.0
≥ 800	41.3	86.0	89.8	92.7	94.0	94.2	94.6	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.9
≥ 700	41.5	86.8	90.6	93.7	94.9	95.4	95.8	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.1
≥ 600	41.6	87.2	91.1	94.3	95.7	96.2	97.0	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.3
≥ 500	41.6	87.3	91.3	94.7	96.1	96.8	97.6	97.8	97.8	98.0	98.1	98.2	98.2	98.2	98.2	98.3
≥ 400	41.6	87.4	91.5	95.1	96.7	97.5	98.4	98.7	98.8	98.9	99.0	99.1	99.1	99.1	99.1	99.2
≥ 300	41.6	87.4	91.5	95.1	96.7	97.5	98.4	98.8	98.9	99.1	99.2	99.4	99.4	99.4	99.4	99.5
≥ 200	41.6	87.4	91.5	95.1	96.7	97.5	98.4	98.8	98.9	99.1	99.2	99.4	99.4	99.4	99.4	99.5
≥ 100	41.6	87.4	91.6	95.2	96.8	97.7	98.6	99.0	99.1	99.4	99.5	99.6	99.6	99.6	99.6	99.8
≥ 0	41.6	87.4	91.6	95.2	96.8	97.7	98.6	99.0	99.1	99.4	99.5	99.6	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7233-6
STATION

COLUMBUS AFB MS
STATION NAME

70,73-81
YEARS

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH
0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	17.3	39.6	42.4	43.8	44.2	44.2	44.3	44.5	44.7	44.8	44.9	45.1	45.2	45.3	45.3	45.4
≥ 20000	19.0	44.0	46.9	48.5	48.9	48.9	49.0	49.2	49.5	49.6	49.8	49.9	50.1	50.2	50.2	50.3
≥ 18000	19.1	44.1	47.1	48.8	49.2	49.2	49.4	49.6	49.8	49.9	50.1	50.2	50.4	50.5	50.5	50.6
≥ 16000	19.8	44.8	47.8	49.6	50.0	50.0	50.1	50.3	50.5	50.6	50.9	51.0	51.2	51.3	51.3	51.4
≥ 14000	20.9	46.2	49.2	51.0	51.4	51.4	51.5	51.7	51.9	52.0	52.3	52.4	52.6	52.7	52.7	52.8
≥ 12000	21.5	47.6	51.0	52.7	53.1	53.1	53.2	53.4	53.7	53.8	54.0	54.1	54.3	54.4	54.4	54.5
≥ 10000	22.0	49.2	52.6	54.3	54.7	54.7	54.8	55.1	55.3	55.4	55.6	55.7	55.9	56.0	56.0	56.1
≥ 9000	22.9	50.5	53.9	55.6	56.0	56.0	56.1	56.3	56.6	56.7	56.9	57.0	57.2	57.3	57.3	57.4
≥ 8000	23.5	52.9	56.3	58.1	58.5	58.5	58.6	58.8	59.0	59.1	59.4	59.5	59.7	59.8	59.8	59.9
≥ 7000	24.3	54.5	58.0	59.7	60.1	60.1	60.2	60.4	60.6	60.8	61.0	61.1	61.3	61.4	61.4	61.5
≥ 6000	25.1	56.5	60.0	61.7	62.2	62.2	62.4	62.6	62.8	62.9	63.1	63.2	63.4	63.5	63.5	63.7
≥ 5000	25.2	58.3	61.9	63.9	64.3	64.3	64.5	64.7	64.9	65.1	65.3	65.4	65.6	65.7	65.7	65.8
≥ 4500	25.3	60.0	63.7	65.9	66.5	66.5	66.7	66.9	67.1	67.2	67.4	67.5	67.7	67.8	67.8	68.0
≥ 4000	25.7	61.2	64.8	67.1	67.6	67.6	67.8	68.1	68.3	68.4	68.6	68.7	68.9	69.0	69.0	69.1
≥ 3500	26.0	61.8	65.8	68.2	68.7	68.7	68.9	69.1	69.4	69.5	69.7	69.8	70.0	70.1	70.1	70.2
≥ 3000	26.9	63.7	67.7	70.5	71.2	71.2	71.4	71.6	71.8	71.9	72.2	72.3	72.5	72.6	72.6	72.7
≥ 2500	27.6	67.1	71.6	74.6	75.3	75.5	75.7	75.9	76.1	76.2	76.5	76.6	76.8	76.9	76.9	77.0
≥ 2000	29.2	72.0	76.8	79.9	80.5	80.9	81.4	81.6	81.8	81.9	82.2	82.3	82.5	82.6	82.6	82.7
≥ 1800	29.5	72.5	77.2	80.3	81.0	81.3	81.8	82.0	82.3	82.4	82.6	82.7	82.9	83.0	83.0	83.1
≥ 1500	30.9	76.2	81.1	84.2	84.9	85.3	85.9	86.5	86.7	86.8	87.0	87.1	87.3	87.4	87.4	87.5
≥ 1200	31.8	78.8	83.8	86.9	87.7	88.2	88.8	89.4	89.6	89.7	89.9	90.0	90.2	90.3	90.3	90.4
≥ 1000	32.0	80.6	85.6	88.9	89.8	90.2	90.9	91.4	91.6	91.7	91.9	92.0	92.3	92.4	92.4	92.5
≥ 900	32.0	81.0	85.9	89.2	90.2	90.6	91.3	91.8	92.0	92.2	92.4	92.5	92.7	92.8	92.8	92.9
≥ 800	32.0	81.8	86.8	90.1	91.1	91.5	92.3	92.8	93.0	93.1	93.3	93.4	93.7	93.8	93.8	93.9
≥ 700	32.0	81.9	86.9	90.2	91.3	91.7	92.5	93.0	93.2	93.3	93.5	93.7	94.0	94.1	94.1	94.2
≥ 600	32.2	82.7	88.0	91.7	93.0	93.4	94.2	94.7	94.9	95.1	95.3	95.4	95.7	95.8	95.8	95.9
≥ 500	32.2	83.0	88.4	92.4	93.8	94.3	95.3	95.8	96.0	96.1	96.3	96.5	96.8	96.9	96.9	97.0
≥ 400	32.2	83.1	88.6	92.7	94.4	95.1	96.5	97.2	97.5	97.6	97.8	98.0	98.3	98.4	98.4	98.6
≥ 300	32.2	83.2	88.7	92.8	94.5	95.2	96.6	97.4	97.8	98.0	98.2	98.3	98.6	98.7	98.7	98.9
≥ 200	32.2	83.4	88.8	93.0	94.7	95.4	96.8	97.7	98.2	98.3	98.6	98.7	99.0	99.1	99.5	99.7
≥ 100	32.2	83.4	88.9	93.0	94.7	95.4	96.8	97.7	98.2	98.3	98.6	98.7	99.0	99.1	99.5	100.0
≥ 0	32.2	83.4	88.9	93.0	94.7	95.4	96.8	97.7	98.2	98.3	98.6	98.7	99.0	99.1	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7203.6

COLUMBUS AFB MS

70,73-81

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	18.0	32.4	34.4	35.2	36.6	37.3	37.5	37.8	37.8	38.1	38.1	38.2	38.3	38.3	38.3	38.5
≥ 20000	19.8	37.1	39.7	41.0	42.6	43.3	43.5	44.0	44.0	44.2	44.2	44.3	44.4	44.5	44.6	44.8
≥ 18000	19.9	37.3	39.9	41.2	42.8	43.5	43.8	44.2	44.2	44.4	44.4	44.5	44.6	44.7	44.8	45.1
≥ 16000	20.5	38.0	40.8	42.0	43.7	44.4	44.6	45.1	45.1	45.3	45.3	45.4	45.5	45.6	45.7	45.9
≥ 14000	21.4	39.1	41.9	43.3	44.9	45.7	45.9	46.3	46.3	46.6	46.6	46.7	46.8	46.9	47.7	47.2
≥ 12000	22.6	41.6	44.7	46.1	47.7	48.5	48.7	49.1	49.1	49.4	49.4	49.5	49.6	49.7	49.8	50.0
≥ 10000	24.0	44.4	47.7	49.1	50.8	51.5	51.7	52.2	52.2	52.4	52.4	52.5	52.6	52.7	52.9	53.0
≥ 9000	24.9	45.9	49.2	50.6	52.3	53.0	53.2	53.7	53.7	53.9	53.9	54.0	54.1	54.2	54.3	54.5
≥ 8000	26.5	49.0	52.7	54.3	56.0	56.8	57.0	57.4	57.4	57.6	57.6	57.7	57.8	58.0	58.1	58.3
≥ 7000	27.0	50.5	54.2	55.8	57.5	58.4	58.6	59.0	59.1	59.4	59.4	59.5	59.6	59.7	59.8	60.0
≥ 6000	27.6	52.3	55.9	57.5	59.2	60.1	60.4	61.0	61.1	61.4	61.4	61.5	61.6	61.7	61.8	62.0
≥ 5000	28.7	54.3	58.0	59.7	61.4	62.3	62.6	63.1	63.2	63.5	63.5	63.7	63.8	63.9	64.0	64.2
≥ 4500	29.2	55.6	59.4	61.2	62.9	63.8	64.2	64.7	64.8	65.2	65.2	65.3	65.4	65.5	65.6	65.8
≥ 4000	29.7	56.8	60.5	62.4	64.1	64.9	65.4	66.0	66.1	66.5	66.5	66.6	66.7	66.8	66.9	67.1
≥ 3500	30.3	58.1	61.8	63.7	65.4	66.2	66.7	67.3	67.4	67.7	67.7	67.8	68.0	68.1	68.2	68.4
≥ 3000	31.1	60.1	64.0	65.9	67.7	68.6	69.0	69.7	69.8	70.1	70.1	70.2	70.3	70.4	70.5	70.8
≥ 2500	32.0	62.2	66.1	68.2	70.3	71.3	71.8	72.5	72.6	72.9	72.9	73.0	73.1	73.2	73.3	73.7
≥ 2000	34.0	66.6	70.9	72.9	75.2	76.5	77.2	77.8	78.1	78.4	78.4	78.5	78.7	78.8	78.9	79.2
≥ 1800	34.1	67.3	71.7	73.8	76.1	77.4	78.2	78.8	79.0	79.4	79.4	79.5	79.7	79.8	79.9	80.2
≥ 1500	35.1	70.6	75.3	77.5	79.9	81.2	82.0	82.7	82.9	83.2	83.2	83.3	83.5	83.7	83.8	84.1
≥ 1200	35.9	72.7	77.7	80.2	82.9	84.2	85.1	85.7	85.9	86.2	86.2	86.3	86.6	86.7	86.8	87.1
≥ 1000	36.0	74.6	80.0	82.6	85.4	87.1	88.1	88.8	89.0	89.4	89.4	89.5	89.7	89.8	89.9	90.2
≥ 900	36.0	74.8	80.3	82.9	85.8	87.5	88.5	89.4	89.6	89.9	89.9	90.0	90.2	90.3	90.4	90.8
≥ 800	36.3	76.2	81.9	84.6	87.5	89.2	90.3	91.3	91.5	91.8	91.8	91.9	92.2	92.3	92.4	92.7
≥ 700	36.5	76.8	82.6	85.4	88.5	90.3	91.4	92.4	92.6	92.9	92.9	93.0	93.2	93.3	93.4	93.8
≥ 600	36.5	77.3	83.1	86.1	89.8	91.6	92.8	93.9	94.1	94.4	94.4	94.5	94.7	94.8	94.9	95.3
≥ 500	36.6	78.0	83.8	87.0	90.9	92.8	94.1	95.3	95.5	95.8	95.8	95.9	96.1	96.2	96.3	96.7
≥ 400	36.6	78.1	83.9	87.1	91.2	93.3	94.8	96.2	96.5	96.8	96.9	97.0	97.2	97.3	97.4	98.1
≥ 300	36.8	78.4	84.2	87.4	91.5	93.7	95.2	96.7	97.0	97.3	97.6	98.2	98.5	98.6	98.8	99.6
≥ 200	36.8	78.4	84.2	87.4	91.5	93.7	95.2	96.7	97.0	97.3	97.7	98.4	98.9	99.0	99.2	100.0
≥ 100	36.8	78.4	84.2	87.4	91.5	93.7	95.2	96.7	97.0	97.3	97.7	98.4	98.9	99.0	99.2	100.0
≥ 0	36.8	78.4	84.2	87.4	91.5	93.7	95.2	96.7	97.0	97.3	97.7	98.4	98.9	99.0	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC

FORM
JUL 66

0-14-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7203

COLUMBUS AFB MS

70,73-81

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	30.6	38.2	38.6	38.6	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
≥ 20000	34.3	44.1	44.7	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
≥ 18000	34.7	44.7	45.4	45.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
≥ 16000	34.7	44.9	45.6	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 14000	35.4	46.5	47.1	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 12000	36.6	48.5	49.1	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 10000	39.6	51.4	52.2	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 9000	39.6	52.7	53.4	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 8000	41.1	55.1	55.9	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 7000	42.9	57.6	58.5	58.7	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 6000	43.9	58.8	59.9	60.1	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 5000	44.8	60.5	61.6	62.0	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 4500	45.1	60.9	61.9	62.5	62.6	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 4000	45.3	62.7	63.9	64.4	64.5	64.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 3500	46.9	64.3	65.5	66.1	66.2	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 3000	48.5	66.7	67.8	68.5	68.6	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 2500	51.4	70.6	72.0	72.8	73.1	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 2000	52.9	73.2	74.7	75.8	76.3	76.9	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 1800	53.4	74.5	76.1	77.2	77.8	78.4	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 1500	55.9	78.4	80.3	81.6	82.3	82.8	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 1200	56.9	81.1	83.5	85.1	85.8	86.3	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 1000	58.0	83.2	86.2	88.0	89.0	89.9	90.3	90.6	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 900	58.1	84.2	87.4	89.1	90.2	91.2	91.6	92.0	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4
≥ 800	58.1	84.8	88.6	90.3	91.5	92.6	93.2	93.7	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.0
≥ 700	58.5	85.7	89.5	91.4	92.7	93.9	94.6	95.1	95.2	95.3	95.5	95.5	95.5	95.5	95.5	95.5
≥ 600	58.7	86.3	90.4	92.7	94.0	95.3	96.2	96.8	97.0	97.1	97.3	97.3	97.3	97.3	97.3	97.3
≥ 500	58.7	86.6	90.8	93.0	94.4	95.7	96.8	97.4	97.7	98.0	98.3	98.4	98.4	98.4	98.4	98.4
≥ 400	58.7	86.6	90.8	93.1	94.6	96.1	97.3	98.1	98.4	98.6	98.9	99.0	99.1	99.1	99.1	99.1
≥ 300	58.7	86.6	90.8	93.1	94.7	96.2	97.4	98.3	98.7	99.0	99.5	99.6	99.7	99.7	99.7	99.7
≥ 200	58.7	86.6	90.8	93.1	94.7	96.2	97.4	98.3	98.7	99.0	99.6	99.7	99.8	99.8	99.9	100.0
≥ 100	58.7	86.6	90.8	93.1	94.7	96.2	97.4	98.3	98.7	99.0	99.6	99.7	99.8	99.8	99.9	100.0
≥ 0	58.7	86.6	90.8	93.1	94.7	96.2	97.4	98.3	98.7	99.0	99.6	99.7	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72336

COLUMBUS AFB MS

70,73-81

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.G.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	36.7	41.0	41.0	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
≥ 20000	44.7	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 18000	44.4	51.7	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 16000	44.7	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 14000	46.9	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 12000	48.8	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 10000	49.7	59.0	59.0	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 9000	50.2	59.6	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 8000	51.7	61.9	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 7000	53.4	64.4	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 6000	53.9	65.4	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 5000	55.2	67.3	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 4500	55.6	68.0	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 4000	57.1	69.7	69.8	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 3500	58.9	72.0	72.2	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 3000	61.2	75.5	75.6	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 2500	63.7	79.0	79.4	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 2000	65.9	83.1	83.4	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 1800	66.5	84.2	84.5	84.9	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1500	67.1	87.5	88.1	88.7	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1200	67.7	89.6	90.4	91.4	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1000	67.8	90.2	91.5	92.7	93.4	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.9	93.9	93.9
≥ 900	68.0	90.4	91.7	92.9	93.9	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.4
≥ 800	68.1	91.5	93.1	94.6	95.6	95.8	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2
≥ 700	68.3	92.2	94.0	95.7	96.9	97.3	97.5	97.5	97.6	97.7	97.7	97.7	97.7	97.8	97.8	97.8
≥ 600	68.4	92.7	94.5	96.5	97.8	98.4	98.7	98.7	98.8	98.9	98.9	98.9	98.9	99.0	99.0	99.0
≥ 500	68.4	93.0	94.9	96.9	98.4	98.9	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥ 400	68.4	93.0	94.9	97.0	98.5	99.1	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 300	68.4	93.0	94.9	97.0	98.5	99.2	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	68.4	93.0	94.9	97.0	98.5	99.2	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	68.4	93.0	94.9	97.0	98.5	99.2	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	68.4	93.0	94.9	97.0	98.5	99.2	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

123356

COLUMBUS AFB MS

70,73-81

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	39.6	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 20000	46.3	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 18000	47.2	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 16000	47.7	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 14000	48.9	56.3	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 12000	51.2	59.2	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 10000	52.6	61.4	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 9000	53.2	62.3	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 8000	55.9	65.6	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 7000	56.8	67.8	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 6000	58.1	69.5	69.7	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 5000	58.9	71.0	71.2	71.3	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 4500	59.6	71.8	72.0	72.2	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 4000	61.0	74.7	75.2	75.3	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 3500	63.4	77.6	78.1	78.2	78.3	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 3000	65.2	80.8	81.2	81.3	81.5	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 2500	67.6	84.7	85.6	85.9	86.2	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 2000	68.7	87.1	88.1	88.6	89.0	89.2	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1800	68.7	87.3	88.4	88.9	89.4	89.6	89.8	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1500	69.1	89.6	90.6	91.5	91.9	92.2	92.5	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1200	69.2	90.8	92.0	93.0	93.4	93.7	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1000	69.6	91.7	93.1	94.2	94.7	94.9	95.4	95.5	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.8
≥ 900	69.6	91.9	93.3	94.4	94.9	95.2	95.6	95.7	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0
≥ 800	69.7	92.5	93.9	94.9	95.7	96.1	96.6	96.7	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1
≥ 700	69.7	92.9	94.3	95.6	96.5	96.9	97.3	97.4	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8
≥ 600	70.0	93.3	94.8	96.1	97.1	97.5	98.3	98.4	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8
≥ 500	70.0	93.5	95.3	96.6	97.5	98.0	98.8	99.0	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5
≥ 400	70.0	93.7	95.4	97.0	98.0	98.4	99.2	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 300	70.0	93.7	95.4	97.0	98.0	98.4	99.2	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	70.0	93.7	95.4	97.0	98.0	98.4	99.2	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	70.0	93.7	95.4	97.0	98.0	98.4	99.2	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	70.0	93.7	95.4	97.0	98.0	98.4	99.2	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1223 16

COLUMBUS AFB MS

70,73-81

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	37.0	48.0	48.0	48.0	48.0	48.0	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.2	48.2
≥ 20000	43.9	57.2	57.2	57.2	57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.4	57.4
≥ 18000	44.4	58.1	58.1	58.1	58.1	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.3	58.3
≥ 16000	44.9	58.6	58.6	58.6	58.6	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.8	58.8
≥ 14000	46.5	60.4	60.4	60.4	60.4	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.6	60.6
≥ 12000	46.9	61.8	61.8	61.8	61.8	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.0	62.0
≥ 10000	48.4	64.0	64.0	64.0	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.2	64.2
≥ 9000	48.9	65.1	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.3	65.3
≥ 8000	51.0	68.0	68.0	68.0	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.2	68.2
≥ 7000	52.0	69.9	70.0	70.0	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.2	70.2
≥ 6000	53.1	71.3	71.4	71.5	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.8	71.8
≥ 5000	54.2	73.4	73.5	74.0	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.4	74.4
≥ 4500	54.6	74.0	74.2	74.7	74.9	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.2	75.2
≥ 4000	56.3	77.1	77.4	78.0	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.5	78.5
≥ 3500	57.5	79.5	79.9	80.4	80.8	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.1
≥ 3000	58.4	82.8	83.4	84.0	84.3	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.6	84.6
≥ 2500	59.1	85.7	86.3	87.0	87.4	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.8	87.8
≥ 2000	59.6	87.1	87.7	88.6	89.1	89.4	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.9	89.9
≥ 1800	59.6	87.3	88.0	88.8	89.4	89.6	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.1	90.1
≥ 1500	60.2	89.7	90.5	91.7	92.4	92.7	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.3	93.3
≥ 1200	60.4	90.5	91.4	92.6	93.3	93.7	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3
≥ 1000	60.4	91.0	91.9	93.1	93.9	94.3	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.1	95.1
≥ 900	60.4	91.2	92.2	93.3	94.1	94.5	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.5	95.5
≥ 800	60.5	91.5	92.5	93.8	94.7	95.4	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.7	96.7
≥ 700	60.5	92.0	93.0	94.4	95.5	96.2	97.1	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.6	97.6
≥ 600	60.5	92.3	93.2	94.8	96.0	96.8	97.6	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.4	98.4
≥ 500	60.5	92.6	93.5	95.2	96.3	97.3	98.2	98.6	98.6	98.8	98.9	98.9	98.9	98.9	99.0	99.0
≥ 400	60.5	92.7	93.8	95.4	96.6	97.5	98.6	99.1	99.1	99.4	99.5	99.5	99.5	99.5	99.6	99.6
≥ 300	60.5	92.7	93.8	95.5	96.7	97.6	98.7	99.2	99.2	99.5	99.7	99.7	99.7	99.7	99.8	99.8
≥ 200	60.5	92.7	93.8	95.6	96.9	97.8	98.9	99.5	99.5	99.7	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	60.5	92.7	93.8	95.6	96.9	97.8	98.9	99.5	99.5	99.7	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	60.5	92.7	93.8	95.6	96.9	97.8	98.9	99.5	99.5	99.7	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723376

COLUMBUS AFB MS

70,73-81

MAP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥3/16	≥¼	≥0
NO CEILING	30.9	51.4	51.6	51.7	52.2	52.2	52.2	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 20000	34.5	56.9	57.2	57.3	57.7	57.7	57.7	57.8	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 18000	34.9	58.2	58.5	58.6	59.0	59.0	59.0	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 16000	35.3	58.5	58.8	58.9	59.4	59.4	59.4	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 14000	36.3	59.5	59.8	59.9	60.3	60.3	60.3	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 12000	37.1	61.4	61.7	61.8	62.3	62.3	62.3	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 10000	38.4	64.4	64.7	64.8	65.3	65.3	65.3	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 9000	38.8	65.1	65.6	65.7	66.1	66.1	66.1	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 8000	40.4	68.2	68.7	68.8	69.2	69.2	69.2	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 7000	41.0	69.4	70.4	70.6	71.1	71.1	71.1	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 6000	41.1	69.9	71.1	71.4	71.8	71.8	71.8	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 5000	42.2	71.4	72.8	73.2	73.9	73.9	73.9	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 4500	42.6	72.3	73.8	74.2	74.8	74.8	74.8	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 4000	43.3	74.5	76.0	76.6	77.2	77.2	77.2	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 3500	43.9	75.8	77.3	77.8	78.5	78.5	78.5	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 3000	45.3	79.0	80.6	81.3	81.9	81.9	81.9	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 2500	46.7	82.5	84.5	85.3	86.0	86.0	86.0	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 2000	47.2	84.7	87.0	88.0	89.1	89.2	89.4	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 1800	47.2	85.4	87.7	88.7	89.9	90.0	90.2	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 1500	47.8	87.2	89.8	90.8	92.0	92.2	92.4	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1200	48.5	88.4	91.0	91.9	93.2	93.3	93.7	93.8	93.8	94.0	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1000	48.5	89.0	91.7	93.0	94.4	94.5	94.8	94.9	94.9	95.2	95.3	95.3	95.3	95.3	95.3	95.3
≥ 900	48.5	89.0	91.8	93.1	94.8	94.9	95.3	95.4	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7
≥ 800	48.6	89.5	92.4	93.7	95.5	95.6	95.9	96.0	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.3
≥ 700	48.8	89.7	92.8	94.2	96.1	96.3	96.7	96.8	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.1
≥ 600	48.8	89.9	93.1	94.5	96.6	97.0	97.5	97.6	97.6	97.8	98.0	98.0	98.0	98.0	98.0	98.0
≥ 500	48.8	90.0	93.4	95.2	97.2	97.6	98.5	98.6	98.6	98.8	99.0	99.0	99.0	99.0	99.0	99.0
≥ 400	48.8	90.0	93.4	95.3	97.3	97.8	98.8	98.9	98.9	99.2	99.5	99.6	99.7	99.7	99.7	99.7
≥ 300	48.8	90.0	93.4	95.3	97.3	97.8	98.8	98.9	98.9	99.2	99.5	99.6	99.8	99.8	99.8	99.8
≥ 200	48.8	90.0	93.4	95.3	97.3	97.8	98.8	98.9	98.9	99.2	99.5	99.6	99.8	99.9	99.9	100.0
≥ 100	48.8	90.0	93.4	95.3	97.3	97.8	98.8	98.9	98.9	99.2	99.5	99.6	99.8	99.9	99.9	100.0
≥ 0	48.8	90.0	93.4	95.3	97.3	97.8	98.8	98.9	98.9	99.2	99.5	99.6	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

JUNIOR CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION COLUMBUS AFB MS

70,73-81

MA

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	29.3	42.9	43.8	44.1	44.4	44.5	44.6	44.7	44.7	44.8	44.8	44.8	44.8	44.9	44.9	44.9
≥ 20000	33.6	49.6	50.6	51.1	51.5	51.5	51.6	51.7	51.7	51.8	51.8	51.8	51.9	51.9	51.9	52.0
≥ 18000	34.7	50.3	51.3	51.8	52.2	52.3	52.3	52.4	52.5	52.5	52.5	52.6	52.6	52.7	52.7	52.7
≥ 16000	34.4	50.8	51.8	52.3	52.7	52.8	52.8	52.9	53.0	53.0	53.0	53.1	53.1	53.2	53.2	53.2
≥ 14000	35.5	52.2	53.3	53.8	54.2	54.2	54.3	54.4	54.4	54.5	54.5	54.6	54.6	54.6	54.7	54.7
≥ 12000	34.7	54.1	55.3	55.8	56.1	56.2	56.3	56.4	56.4	56.5	56.5	56.5	56.6	56.6	56.6	56.7
≥ 10000	36.1	56.6	57.8	58.3	58.7	58.8	58.8	58.9	59.0	59.0	59.0	59.1	59.1	59.2	59.2	59.2
≥ 9000	38.7	57.6	58.8	59.3	59.7	59.8	59.8	59.9	60.0	60.0	60.0	60.1	60.1	60.2	60.2	60.2
≥ 8000	40.3	60.3	61.7	62.3	62.6	62.7	62.8	62.9	62.9	63.0	63.0	63.0	63.1	63.1	63.1	63.2
≥ 7000	41.4	62.2	63.7	64.3	64.6	64.7	64.8	64.9	65.0	65.0	65.0	65.1	65.1	65.2	65.2	65.2
≥ 6000	42.0	63.6	65.1	65.8	66.1	66.3	66.3	66.5	66.5	66.6	66.6	66.7	66.7	66.7	66.7	66.8
≥ 5000	43.0	65.4	67.0	67.8	68.3	68.4	68.5	68.6	68.7	68.7	68.8	68.8	68.8	68.9	68.9	68.9
≥ 4500	43.5	66.4	68.1	69.0	69.5	69.6	69.7	69.9	69.9	70.0	70.0	70.0	70.1	70.1	70.1	70.2
≥ 4000	44.4	68.4	70.1	71.1	71.6	71.7	71.9	72.0	72.0	72.1	72.1	72.2	72.2	72.3	72.3	72.3
≥ 3500	45.4	70.1	71.9	72.8	73.3	73.5	73.6	73.8	73.8	73.9	73.9	74.0	74.0	74.0	74.1	74.1
≥ 3000	46.7	72.7	74.6	75.7	76.2	76.4	76.6	76.7	76.7	76.8	76.8	76.9	76.9	77.0	77.0	77.0
≥ 2500	48.4	76.1	78.2	79.5	80.1	80.4	80.6	80.7	80.8	80.8	80.9	80.9	80.9	81.0	81.0	81.1
≥ 2000	49.6	79.2	81.4	82.8	83.6	84.0	84.3	84.4	84.5	84.6	84.6	84.7	84.7	84.8	84.8	84.8
≥ 1800	49.9	79.8	82.1	83.5	84.4	84.7	85.0	85.2	85.3	85.3	85.4	85.4	85.5	85.5	85.5	85.6
≥ 1500	50.4	82.6	85.2	86.8	87.7	88.1	88.4	88.6	88.7	88.8	88.8	88.9	88.9	89.0	89.0	89.0
≥ 1200	51.5	84.5	87.2	89.0	90.0	90.4	90.8	91.0	91.1	91.2	91.2	91.3	91.3	91.3	91.4	91.4
≥ 1000	51.7	85.7	88.6	90.5	91.7	92.2	92.6	92.9	93.0	93.1	93.2	93.2	93.3	93.3	93.3	93.4
≥ 900	51.7	86.0	89.0	90.9	92.1	92.7	93.2	93.5	93.6	93.7	93.7	93.8	93.8	93.9	93.9	94.0
≥ 800	51.8	86.7	89.9	91.8	93.2	93.8	94.4	94.7	94.8	94.9	95.0	95.0	95.1	95.1	95.2	95.2
≥ 700	52.0	87.2	90.5	92.6	94.0	94.8	95.4	95.7	95.8	95.9	96.0	96.0	96.1	96.2	96.2	96.3
≥ 600	52.1	87.7	91.0	93.3	95.0	95.8	96.5	96.9	97.0	97.2	97.2	97.3	97.4	97.4	97.4	97.5
≥ 500	52.1	88.0	91.4	93.9	95.6	96.4	97.3	97.7	97.9	98.1	98.2	98.2	98.3	98.4	98.4	98.4
≥ 400	52.1	88.1	91.5	94.1	95.9	96.9	97.9	98.4	98.6	98.8	98.9	99.0	99.1	99.1	99.2	99.3
≥ 300	52.1	88.1	91.6	94.1	96.0	97.0	98.0	98.6	98.8	99.0	99.2	99.3	99.4	99.5	99.5	99.7
≥ 200	52.1	88.1	91.6	94.2	96.0	97.0	98.1	98.6	98.9	99.1	99.3	99.4	99.6	99.7	99.8	99.9
≥ 100	52.1	88.1	91.6	94.2	96.0	97.0	98.1	98.7	98.9	99.1	99.3	99.4	99.6	99.7	99.8	100.0
≥ 0	52.1	88.1	91.6	94.2	96.0	97.0	98.1	98.7	98.9	99.1	99.3	99.4	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 744

AL CLIMATOLOGY BRANCH
AFETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 4 COLUMBUS AFB MS

YEARS 70, 73-81

MONTH

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

7000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/10	≥ 0	≥ 0
NO. OF ≥ 20000	24.1	58.1	60.6	60.8	61.6	61.8	61.9	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.3	62.4
≥ 18000	26.6	64.6	67.0	67.2	68.0	68.3	68.4	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.9	69.0
≥ 16000	26.7	64.8	67.2	67.4	68.2	68.6	68.7	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.1	69.2
≥ 14000	27.0	65.4	67.9	68.1	68.9	69.2	69.3	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.8	69.9
≥ 12000	27.6	66.3	68.8	69.0	69.8	70.1	70.2	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.7	70.8
≥ 10000	28.3	67.8	70.2	70.4	71.2	71.6	71.7	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.1	72.2
≥ 9000	29.3	69.6	72.0	72.2	73.0	73.3	73.4	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.9	74.0
≥ 8000	29.3	69.9	72.4	72.7	73.4	73.8	73.9	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.3	74.4
≥ 7000	29.6	71.3	73.9	74.2	75.0	75.3	75.6	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.1	76.2
≥ 6000	30.7	73.2	75.8	76.2	77.0	77.3	77.6	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.1	78.2
≥ 5000	31.2	73.8	76.3	76.8	77.6	77.9	78.1	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.7	78.8
≥ 4500	31.3	75.2	78.1	78.7	79.6	79.9	80.1	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.7	80.8
≥ 4000	32.3	76.9	80.1	80.8	81.8	82.1	82.3	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.9	83.0
≥ 3500	33.7	78.3	81.6	82.2	83.3	83.7	83.9	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.4	84.6
≥ 3000	33.3	79.3	82.6	83.4	84.6	84.9	85.1	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.7	85.8
≥ 2500	33.7	80.1	83.3	84.4	85.6	85.9	86.1	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.7	86.8
≥ 2000	34.4	83.1	86.3	87.7	89.0	89.3	89.6	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.1	90.2
≥ 1800	35.0	84.3	87.9	89.3	90.8	91.1	91.3	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.9	92.0
≥ 1600	35.3	85.1	88.7	90.1	91.6	91.9	92.2	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.8	92.9
≥ 1400	35.7	86.1	90.1	91.7	93.2	93.6	93.9	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.4	94.6
≥ 1200	36.1	86.8	91.3	93.1	94.9	95.2	95.6	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.1	96.2
≥ 1000	36.1	87.2	91.9	93.8	95.6	95.9	96.3	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.9	97.0
≥ 900	35.3	87.8	92.4	94.6	96.3	96.7	97.1	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.8
≥ 800	36.3	88.7	92.7	94.8	96.6	97.1	97.6	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.2
≥ 700	36.3	88.2	92.9	95.0	96.8	97.4	97.9	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.6	98.7
≥ 600	36.3	88.4	93.1	95.3	97.1	97.8	98.2	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.1
≥ 500	36.3	88.4	93.1	95.4	97.2	97.9	98.3	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.2
≥ 400	36.3	88.6	93.2	95.6	97.7	98.3	98.8	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.7
≥ 300	36.3	88.6	93.2	95.6	97.7	98.4	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.8
≥ 200	36.3	88.6	93.2	95.6	97.7	98.4	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.8
≥ 100	36.3	88.6	93.2	95.6	97.7	98.4	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.9
≥ 0	36.3	88.6	93.2	95.6	97.7	98.4	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 AFETAC
 WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1233 6 COLUMBUS AFB MS

70, 73-81

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0300-0500
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	20	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
≥ 8000	15.1	49.7	53.1	55.4	56.7	57.2	57.7	57.9	58.0	58.0	58.0	58.0	58.1	58.1	58.2	58.2
≥ 7000	16.3	53.8	57.7	60.3	61.7	62.4	62.9	63.2	63.3	63.3	63.3	63.3	63.4	63.4	63.6	63.6
≥ 6000	16.3	53.8	57.7	60.3	61.7	62.4	62.9	63.2	63.3	63.3	63.3	63.3	63.4	63.4	63.6	63.6
≥ 5000	17.1	54.6	58.4	61.1	62.4	63.2	63.7	64.0	64.1	64.1	64.1	64.1	64.2	64.2	64.3	64.3
≥ 4500	17.6	55.4	59.6	62.2	63.6	64.3	64.8	65.1	65.2	65.2	65.2	65.2	65.3	65.3	65.4	65.4
≥ 4000	17.6	56.3	61.4	63.1	64.4	65.2	65.7	66.0	66.1	66.1	66.1	66.1	66.2	66.2	66.3	66.3
≥ 3500	19.0	59.1	63.2	65.9	67.2	68.0	68.4	68.8	68.9	68.9	68.9	68.9	69.0	69.0	69.1	69.1
≥ 3000	19.0	59.3	63.4	66.1	67.4	68.2	68.7	69.0	69.1	69.1	69.1	69.1	69.2	69.2	69.3	69.3
≥ 2500	19.1	60.9	65.3	68.2	69.7	70.4	71.0	71.3	71.4	71.4	71.4	71.4	71.6	71.6	71.7	71.7
≥ 2000	20.3	62.8	67.2	70.1	71.6	72.3	72.9	73.2	73.3	73.3	73.3	73.3	73.4	73.4	73.6	73.6
≥ 1500	21.1	64.0	68.8	71.7	73.1	73.9	74.4	74.8	74.9	74.9	74.9	74.9	75.0	75.0	75.1	75.1
≥ 1000	21.4	65.6	70.4	73.3	74.9	75.7	76.2	76.6	76.7	76.7	76.7	76.7	76.8	76.8	76.9	76.9
≥ 900	21.4	66.9	72.0	74.9	76.4	77.2	77.8	78.1	78.2	78.2	78.2	78.2	78.3	78.3	78.4	78.4
≥ 800	21.7	67.9	73.1	76.0	77.9	79.0	79.6	79.9	80.0	80.0	80.0	80.0	80.1	80.1	80.2	80.2
≥ 700	21.9	68.6	73.8	76.7	78.6	79.7	80.2	80.6	80.7	80.7	80.7	80.7	80.8	80.8	80.9	80.9
≥ 600	22.3	70.4	75.9	78.8	80.7	81.8	82.3	82.7	82.8	82.8	82.8	82.8	82.8	82.9	83.0	83.0
≥ 500	22.9	72.6	78.3	81.9	83.9	85.0	85.6	85.9	86.0	86.0	86.0	86.0	86.1	86.1	86.2	86.2
≥ 400	23.1	73.7	79.6	83.2	85.2	86.3	86.9	87.2	87.3	87.3	87.3	87.3	87.4	87.4	87.6	87.6
≥ 300	23.1	74.4	80.3	84.0	86.0	87.1	87.7	88.0	88.1	88.1	88.1	88.1	88.2	88.2	88.3	88.3
≥ 200	23.7	76.8	83.0	86.8	88.8	90.0	90.6	90.9	91.0	91.0	91.0	91.0	91.1	91.1	91.2	91.2
≥ 100	24.1	78.6	85.2	89.2	91.3	92.6	93.1	93.4	93.6	93.6	93.6	93.6	93.7	93.7	93.8	93.8
≥ 0	24.1	79.7	86.7	90.9	93.2	94.4	95.0	95.4	95.7	95.7	95.7	95.7	95.8	95.8	95.9	95.9
≥ 900	24.1	80.1	87.3	91.6	94.0	95.2	95.8	96.2	96.4	96.4	96.4	96.4	96.6	96.6	96.7	96.7
≥ 800	24.1	80.2	87.7	92.0	94.4	95.8	96.3	96.8	97.0	97.0	97.0	97.0	97.1	97.1	97.2	97.2
≥ 700	24.2	80.4	88.0	92.3	94.8	96.3	96.9	97.3	97.6	97.6	97.6	97.6	97.7	97.7	97.8	97.8
≥ 600	24.2	80.7	88.3	92.8	95.3	96.9	97.4	97.9	98.1	98.1	98.1	98.1	98.2	98.2	98.3	98.3
≥ 500	24.2	80.9	88.6	93.2	95.9	97.6	98.1	98.6	98.8	98.8	98.8	98.8	98.9	98.9	99.0	99.0
≥ 400	24.2	81.1	88.8	93.7	96.3	98.0	98.6	99.0	99.2	99.2	99.2	99.2	99.3	99.3	99.4	99.4
≥ 300	24.2	81.1	88.8	93.7	96.3	98.0	98.6	99.1	99.3	99.4	99.4	99.4	99.6	99.6	99.7	99.7
≥ 200	24.2	81.1	88.8	93.7	96.3	98.0	98.6	99.1	99.3	99.4	99.4	99.4	99.6	99.6	99.8	99.8
≥ 100	24.2	81.1	88.8	93.7	96.3	98.0	98.6	99.1	99.3	99.4	99.4	99.4	99.6	99.6	99.8	99.9
≥ 0	24.2	81.1	88.8	93.7	96.3	98.0	98.6	99.1	99.3	99.4	99.4	99.4	99.6	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72336

COLUMBUS AFB MS

70,73-81

APP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1600-2800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	22.7	44.1	46.2	47.2	48.0	48.4	48.7	48.9	49.0	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 2000	24.9	50.0	52.6	54.7	55.4	55.9	56.1	56.3	56.4	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 1800	25.1	51.1	53.6	55.7	56.4	56.9	57.1	57.3	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 1600	25.2	51.2	53.8	55.9	56.7	57.1	57.3	57.6	57.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 1400	25.6	52.0	54.6	56.7	57.4	57.9	58.1	58.3	58.4	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 1200	26.6	53.9	56.4	58.9	59.7	60.1	60.3	60.6	60.7	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 1000	27.1	56.0	58.8	61.2	62.1	62.6	62.8	63.0	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 800	27.3	56.7	59.4	61.9	62.8	63.2	63.4	63.7	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 600	28.1	60.0	63.1	65.9	66.8	67.4	67.7	68.0	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 400	29.7	62.8	66.1	69.0	69.9	70.6	70.8	71.1	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 200	30.5	64.0	67.7	70.7	71.7	72.3	72.6	72.9	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 100	30.4	65.2	69.6	72.8	73.8	74.4	74.7	75.0	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 50	30.7	65.6	70.1	73.3	74.3	75.0	75.2	75.6	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 0	30.7	66.4	71.2	74.4	75.4	76.1	76.3	76.7	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 1500	31.4	67.3	72.1	75.3	76.4	77.1	77.3	77.7	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 1000	32.1	68.9	73.9	77.2	78.3	79.0	79.2	79.6	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 800	32.9	70.7	76.1	79.6	80.7	81.4	81.7	82.0	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 600	33.3	72.2	77.9	81.4	82.6	83.3	83.6	83.9	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 400	33.5	73.2	78.9	82.4	83.6	84.3	84.6	84.9	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 200	34.1	75.1	81.4	85.2	86.4	87.2	87.4	87.8	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 100	34.1	77.0	83.4	87.4	88.7	89.6	89.9	90.2	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 50	34.1	77.8	84.6	88.6	90.2	91.1	91.4	91.8	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 0	34.2	78.7	85.4	89.4	91.1	92.0	92.3	92.7	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1500	34.2	79.3	86.4	90.7	92.3	93.4	93.8	94.4	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1000	34.2	79.8	87.0	91.3	93.1	94.2	94.6	95.2	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 800	34.3	80.0	87.3	92.0	94.0	95.1	95.6	96.2	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 600	34.4	80.7	88.1	92.8	95.1	96.2	96.7	97.6	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 400	34.6	80.9	88.3	93.0	95.3	96.4	97.0	97.9	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 200	34.6	80.9	88.3	93.1	95.6	96.7	97.3	98.2	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 100	34.6	80.9	88.3	93.1	95.6	96.7	97.3	98.3	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 0	34.6	80.9	88.3	93.1	95.6	96.7	97.3	98.3	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

223316

COLUMBUS AFB MS

70,73-81

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/8	≥1/16	≥1/32
NO CEILING	39.1	50.4	50.6	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 20000	44.4	58.4	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 18000	45.4	59.8	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 16000	46.7	60.8	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 14000	46.6	61.7	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 12000	46.9	62.8	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 10000	47.8	64.8	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 9000	47.8	65.2	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 8000	49.6	67.6	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 7000	50.7	69.1	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 6000	51.1	70.3	70.9	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 5000	51.8	71.8	72.6	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 4500	52.2	72.6	73.4	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 4000	53.6	75.0	75.9	76.2	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 3500	54.2	76.3	77.3	77.7	78.0	78.0	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 3000	55.0	77.7	78.8	79.1	79.4	79.4	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 2500	56.4	81.2	82.6	82.9	83.2	83.2	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 2000	57.1	83.4	85.0	85.4	85.8	85.8	86.0	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 1800	57.3	84.2	85.9	86.3	86.8	86.8	87.0	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 1500	57.6	87.1	89.2	89.8	90.2	90.2	90.4	90.6	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1200	58.9	89.3	91.4	92.1	92.6	92.7	92.9	93.1	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1000	58.9	90.0	92.3	93.1	93.8	94.0	94.2	94.4	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 900	59.1	90.4	92.8	93.7	94.3	94.6	94.8	95.0	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 800	59.3	90.7	93.0	93.9	94.7	94.9	95.1	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 700	59.4	91.1	93.4	94.3	95.1	95.3	95.7	96.3	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 600	59.7	92.2	94.7	95.7	96.6	97.0	97.4	98.1	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	59.8	92.7	95.1	96.2	97.2	97.8	98.6	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	59.8	92.7	95.1	96.3	97.3	97.9	98.8	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	59.8	92.7	95.1	96.3	97.3	97.9	98.8	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	59.8	92.7	95.1	96.3	97.3	97.9	98.8	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	59.8	92.7	95.1	96.3	97.3	97.9	98.8	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	59.8	92.7	95.1	96.3	97.3	97.9	98.8	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

720316

COLUMBUS AFB MS

70,73-81

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 0	≥ 0
NO CEILING	42.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 20000	49.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 18000	49.9	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 16000	50.7	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 14000	51.7	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 12000	53.4	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 10000	55.4	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 9000	55.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 8000	56.4	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 7000	57.1	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 6000	57.9	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 5000	59.7	71.0	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 4500	60.0	72.2	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 4000	62.0	75.7	76.1	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 3500	65.2	80.0	80.6	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 3000	67.8	84.0	84.7	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 2500	69.9	87.6	88.3	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 2000	70.7	89.6	90.3	90.4	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1800	70.8	89.9	90.7	90.8	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1500	71.8	92.2	93.1	93.6	94.2	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1200	72.6	93.2	94.1	94.6	95.3	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1000	73.3	93.9	94.9	95.4	96.2	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 900	73.3	94.0	95.0	95.7	96.4	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 800	73.0	94.2	95.2	96.0	96.8	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 700	73.2	94.4	95.4	96.2	97.0	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 600	73.3	95.0	96.0	96.8	97.7	98.0	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	73.4	95.4	96.4	97.3	98.2	98.6	99.2	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6
≥ 400	73.4	95.6	96.6	97.4	98.3	98.7	99.3	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 300	73.4	95.6	96.6	97.4	98.3	98.7	99.3	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 200	73.4	95.6	96.6	97.4	98.3	98.7	99.3	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100	73.4	95.6	96.6	97.4	98.3	98.7	99.3	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0	73.4	95.6	96.6	97.4	98.3	98.7	99.3	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7233 6

COLUMBUS AFB MS

70, 73-81

APP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/10	≥1/8	≥1/16
NO CEILING	49.2	52.9	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 20000	57.1	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 18000	57.8	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 16000	59.3	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 14000	59.6	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 12000	61.3	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 10000	63.6	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 9000	64.2	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 8000	65.2	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 7000	65.8	76.4	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 6000	66.3	77.3	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 5000	67.0	78.2	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 4500	69.3	80.8	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 4000	70.8	84.1	84.7	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 3500	71.8	86.4	87.1	87.4	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 3000	73.0	88.6	89.2	89.9	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 2500	74.4	91.6	92.2	93.0	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 2000	74.8	92.2	92.9	93.7	93.9	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3
≥ 1800	74.8	92.2	93.0	93.8	94.0	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.4
≥ 1500	75.1	93.0	93.9	95.0	95.2	95.2	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.9	95.9	95.9
≥ 1200	75.4	94.0	94.9	96.0	96.2	96.2	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2
≥ 1000	75.8	94.4	95.3	96.4	96.7	96.7	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7
≥ 900	75.9	94.6	95.4	96.6	96.8	96.8	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8
≥ 800	76.0	94.7	95.6	96.7	96.9	97.0	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.0	98.0	98.0
≥ 700	76.0	94.8	95.7	96.8	97.0	97.2	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2
≥ 600	76.0	94.9	95.8	97.0	97.3	97.7	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8
≥ 500	76.1	95.3	96.2	97.6	97.9	98.3	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4
≥ 400	76.1	95.6	96.4	97.8	98.1	98.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 300	76.1	95.6	96.4	97.8	98.1	98.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	76.1	95.6	96.4	97.8	98.1	98.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	76.1	95.6	96.4	97.8	98.1	98.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	76.1	95.6	96.4	97.8	98.1	98.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7233.6

COLUMBUS AFB MS

70, 73-81

APP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	46.1	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 20000	52.6	69.3	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 18000	53.1	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 16000	53.9	70.8	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 14000	54.2	71.2	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 12000	54.4	73.1	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 10000	56.4	75.9	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 9000	57.2	76.7	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 8000	57.7	78.3	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 7000	58.3	79.6	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 6000	58.8	80.0	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 5000	59.4	81.3	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 4500	59.9	83.4	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 4000	61.0	85.8	86.4	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 3500	61.7	87.7	88.3	88.9	88.9	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 3000	62.4	88.9	89.6	90.1	90.1	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 2500	63.2	90.9	91.6	92.2	92.2	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 2000	63.2	91.1	91.9	92.6	92.6	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1800	63.2	91.2	92.0	92.7	92.7	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1500	63.4	92.6	93.3	94.0	94.6	95.0	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1200	63.8	92.9	93.7	94.3	95.1	95.6	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1000	64.7	93.1	93.9	94.7	95.4	95.9	96.8	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 900	64.0	93.2	94.0	94.8	95.6	96.0	96.9	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 800	64.0	93.2	94.1	94.9	95.8	96.3	97.2	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 700	64.0	93.2	94.1	95.0	95.9	96.4	97.3	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 600	64.0	93.6	94.6	95.6	96.6	97.2	98.3	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	64.0	93.6	94.6	95.6	96.6	97.2	98.4	98.9	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	64.0	93.6	94.6	95.6	96.8	97.6	98.8	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	64.0	93.6	94.6	95.6	96.8	97.9	99.1	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	64.0	93.6	94.6	95.6	96.8	97.9	99.1	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	64.0	93.6	94.6	95.6	96.8	97.9	99.1	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	64.0	93.6	94.6	95.6	96.8	97.9	99.1	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7233-6

COLUMBUS AFB MS

70,73-81

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 4	≥ 0
NO CEILING	35.7	62.2	62.8	63.2	63.4	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 20000	38.6	69.0	69.7	70.1	70.4	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 18000	33.8	69.3	70.0	70.4	70.8	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 16000	39.4	70.1	70.8	71.2	71.6	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 14000	39.6	70.7	71.3	71.8	72.1	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 12000	40.2	72.3	73.7	73.4	73.8	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 10000	40.9	73.4	74.1	74.6	74.9	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 9000	41.2	73.9	74.7	75.1	75.4	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 8000	41.8	75.7	76.7	77.2	77.6	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.9
≥ 7000	42.1	77.2	78.2	78.8	79.1	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 6000	42.7	78.0	79.3	79.6	79.9	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 5000	43.4	79.4	80.7	81.6	81.9	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 4500	43.9	80.9	82.3	83.2	83.7	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 4000	45.1	83.1	84.6	85.4	85.9	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 3500	45.2	84.3	85.9	86.9	87.4	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 3000	45.7	86.6	88.1	89.1	89.7	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 2500	46.2	88.7	90.4	91.6	92.1	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 2000	46.7	89.6	91.3	92.4	93.0	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1800	46.7	89.7	91.4	92.6	93.1	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1500	46.9	90.3	92.6	93.9	94.4	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1200	46.8	90.7	92.9	94.4	95.0	95.4	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1000	47.3	91.4	93.7	95.6	96.2	96.7	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 900	47.4	91.8	94.0	96.0	96.7	97.1	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 800	47.4	92.1	94.3	96.3	97.0	97.4	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 700	47.4	92.4	94.9	97.0	97.8	98.3	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	47.4	92.4	94.9	97.0	97.9	98.8	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	47.4	92.4	94.9	97.0	97.9	98.8	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	47.4	92.4	94.9	97.0	97.9	98.8	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	47.4	92.4	94.9	97.0	98.0	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	47.4	92.4	94.9	97.0	98.0	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	47.4	92.4	94.9	97.0	98.0	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	47.4	92.4	94.9	97.0	98.0	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7233.6

COLUMBUS AFB MS

70,73-81

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥4	≥0
NO CEILING ≥ 20000	34.2 39.7	53.1 60.7	54.3 62.0	54.8 62.7	55.2 63.1	55.3 63.3	55.4 63.4	55.5 63.5	55.6 63.5	55.6 63.6	55.6 63.6	55.6 63.6	55.6 63.6	55.6 63.6	55.6 63.6	55.6 63.6
≥ 18000 ≥ 16000	39.1 39.7	61.4 62.1	62.7 63.4	63.4 64.1	63.8 64.5	64.0 64.7	64.1 64.8	64.2 64.9	64.2 64.9	64.3 65.0	64.3 65.0	64.3 65.0	64.3 65.0	64.3 65.0	64.3 65.0	64.3 65.0
≥ 14000 ≥ 12000	40.3 41.2	63.0 64.7	64.3 66.0	65.0 66.8	65.4 67.2	65.6 67.4	65.7 67.5	65.8 67.6	65.8 67.6	65.9 67.7	65.9 67.7	65.9 67.7	65.9 67.7	65.9 67.7	65.9 67.7	65.9 67.7
≥ 10000 ≥ 9000	42.5 42.3	67.1 67.6	68.4 69.3	69.2 69.7	69.6 70.1	69.8 70.3	69.9 70.4	70.0 70.5	70.1 70.6	70.1 70.6	70.1 70.6	70.1 70.6	70.1 70.6	70.1 70.6	70.1 70.6	70.1 70.7
≥ 8000 ≥ 7000	43.5 44.3	69.4 71.1	70.9 72.6	71.8 73.5	72.2 74.0	72.4 74.2	72.6 74.3	72.7 74.5	72.8 74.5	72.8 74.5	72.8 74.5	72.8 74.5	72.8 74.5	72.9 74.6	72.8 74.6	72.8 74.6
≥ 6000 ≥ 5000	44.3 45.6	72.0 73.5	73.7 75.4	74.6 76.4	75.1 76.9	75.3 77.2	75.4 77.3	75.6 77.4	75.6 77.5	75.6 77.5	75.6 77.5	75.6 77.5	75.6 77.5	75.7 77.5	75.7 77.6	75.7 77.6
≥ 4500 ≥ 4000	46.1 47.3	74.9 77.0	77.0 79.2	78.1 80.3	78.6 80.9	78.8 81.2	79.0 81.3	79.1 81.5	79.1 81.5	79.2 81.6	79.2 81.6	79.2 81.6	79.2 81.6	79.2 81.6	79.2 81.6	79.2 81.6
≥ 3500 ≥ 3000	48.1 49.7	78.8 80.6	81.0 82.9	82.1 84.2	82.8 84.9	83.1 85.2	83.3 85.5	83.5 85.6	83.5 85.6	83.5 85.7	83.5 85.7	83.5 85.7	83.5 85.7	83.6 85.7	83.6 85.7	83.6 85.7
≥ 2500 ≥ 2000	50.1 50.5	83.3 84.5	85.7 87.1	87.2 88.6	87.9 89.3	88.3 89.7	88.5 90.0	88.6 90.1	88.7 90.2	88.7 90.2	88.7 90.2	88.7 90.2	88.7 90.2	88.7 90.3	88.8 90.3	88.8 90.3
≥ 1800 ≥ 1500	50.8 51.0	85.0 86.7	87.6 89.6	89.1 91.2	89.9 92.1	90.3 92.6	90.6 92.9	90.7 93.1	90.8 93.1	90.8 93.2	90.8 93.2	90.8 93.2	90.8 93.2	90.8 93.2	90.8 93.3	90.9 93.3
≥ 1200 ≥ 1000	51.5 51.7	87.8 88.4	90.9 91.7	92.7 93.6	93.6 94.7	94.1 95.1	94.6 95.7	94.7 95.9	94.8 96.0	94.8 96.0	94.8 96.0	94.8 96.0	94.8 96.0	94.9 96.1	94.9 96.1	94.9 96.1
≥ 900 ≥ 800	51.3 51.3	88.8 89.1	92.1 92.4	94.0 94.4	95.2 95.6	95.6 96.1	96.2 96.7	96.3 97.0	96.5 97.1	96.5 97.1	96.5 97.1	96.5 97.1	96.5 97.1	96.6 97.2	96.6 97.2	96.6 97.2
≥ 700 ≥ 600	51.9 51.9	89.3 89.7	92.7 93.1	94.8 95.3	95.9 96.6	96.6 97.3	97.2 98.0	97.5 98.3	97.6 98.5	97.7 98.5	97.7 98.5	97.7 98.5	97.7 98.5	97.7 98.6	97.7 98.6	97.7 98.6
≥ 500 ≥ 400	52.0 52.0	89.9 90.0	93.4 93.5	95.6 95.8	97.0 97.2	97.8 98.0	98.5 98.8	98.9 99.3	99.1 99.4	99.1 99.5	99.2 99.5	99.2 99.5	99.2 99.5	99.2 99.6	99.3 99.6	99.3 99.6
≥ 300 ≥ 200	52.0 52.0	90.0 90.0	93.5 93.5	95.8 95.8	97.3 97.3	98.1 98.1	98.9 98.9	99.4 99.4	99.6 99.6	99.7 99.7	99.7 99.8	99.7 99.8	99.7 99.8	99.8 99.8	99.8 99.9	99.8 99.9
≥ 100 ≥ 0	52.0 52.0	90.0 90.0	93.5 93.5	95.8 95.8	97.3 97.3	98.1 98.1	98.9 98.9	99.4 99.4	99.6 99.6	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.9	99.9 100.0	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS

7200

GLOBAL CLIMATOLOGY BRANCH
 JOAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7233 6

COLUMBUS AFB MS

70,73-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0000-0200
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	15.3	49.5	54.2	58.3	59.6	59.7	59.9	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.2
≥ 20000	18.6	56.1	61.3	65.6	67.2	67.3	67.6	67.8	68.0	68.0	68.2	68.2	68.2	68.2	68.2	68.3
≥ 18000	19.0	56.5	61.8	66.0	67.6	67.9	68.2	68.3	68.5	68.5	68.7	68.7	68.7	68.7	68.7	68.8
≥ 16000	19.5	57.1	62.3	66.6	68.2	68.4	68.7	68.8	69.1	69.1	69.3	69.3	69.3	69.3	69.3	69.4
≥ 14000	20.3	58.2	63.4	67.6	69.3	69.5	69.8	69.9	70.2	70.2	70.4	70.4	70.4	70.4	70.4	70.5
≥ 12000	20.9	60.2	65.5	69.7	71.4	71.6	71.9	72.0	72.2	72.2	72.4	72.4	72.4	72.4	72.4	72.5
≥ 10000	21.4	63.5	69.0	73.2	74.8	75.1	75.4	75.5	75.7	75.7	75.9	75.9	75.9	75.9	75.9	76.0
≥ 9000	21.7	63.8	69.4	73.6	75.3	75.5	75.8	75.9	76.1	76.1	76.4	76.4	76.4	76.4	76.4	76.5
≥ 8000	22.3	66.0	71.8	76.3	77.9	78.2	78.5	78.6	78.9	78.9	79.1	79.1	79.1	79.1	79.1	79.2
≥ 7000	22.9	67.3	73.3	77.9	79.6	80.1	80.4	80.5	80.7	80.7	80.9	80.9	80.9	80.9	80.9	81.0
≥ 6000	22.9	67.8	73.7	78.3	80.1	80.5	80.8	80.9	81.2	81.2	81.4	81.4	81.4	81.4	81.4	81.5
≥ 5000	23.1	68.6	74.7	79.3	81.0	81.5	81.8	81.9	82.1	82.1	82.4	82.4	82.4	82.4	82.4	82.5
≥ 4500	23.2	69.4	75.9	80.6	82.4	82.8	83.1	83.2	83.4	83.4	83.7	83.7	83.7	83.7	83.7	83.8
≥ 4000	23.3	70.7	78.1	83.4	85.4	85.9	86.3	86.4	86.6	86.6	86.8	86.8	86.8	86.8	86.8	86.9
≥ 3500	23.3	71.2	78.8	84.1	86.1	86.7	87.0	87.1	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.7
≥ 3000	24.0	72.5	80.1	85.4	87.4	88.0	88.6	88.7	88.9	88.9	89.1	89.1	89.1	89.1	89.1	89.2
≥ 2500	24.3	74.4	82.0	87.6	89.5	90.2	90.7	90.8	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.4
≥ 2000	24.5	75.4	83.0	88.8	90.8	91.5	92.2	92.3	92.5	92.5	92.7	92.7	92.7	92.7	92.7	92.8
≥ 1800	24.7	75.8	83.4	89.2	91.3	91.9	92.6	92.7	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.2
≥ 1500	24.7	76.5	84.2	90.0	92.0	92.7	93.4	93.5	93.7	93.7	93.9	93.9	93.9	93.9	93.9	94.0
≥ 1200	24.7	76.8	84.5	90.3	92.6	93.2	93.9	94.0	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.6
≥ 1000	24.7	78.0	85.7	91.7	94.1	94.8	95.4	95.5	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.1
≥ 900	24.7	78.5	86.3	92.3	94.7	95.3	96.0	96.1	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.6
≥ 800	24.9	79.0	86.8	93.2	95.8	96.5	97.2	97.3	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.8
≥ 700	24.9	79.1	86.9	93.4	96.0	96.7	97.4	97.5	97.7	97.7	97.9	97.9	97.9	97.9	98.1	98.3
≥ 600	24.9	79.4	87.3	93.7	96.6	97.4	98.0	98.1	98.4	98.4	98.6	98.6	98.6	98.6	98.8	98.9
≥ 500	24.9	79.5	87.4	94.0	96.9	97.7	98.4	98.5	98.7	98.7	98.9	98.9	98.9	98.9	99.1	99.2
≥ 400	24.9	79.6	87.6	94.2	97.4	98.1	98.8	98.9	99.1	99.1	99.3	99.3	99.3	99.3	99.6	99.7
≥ 300	24.9	79.6	87.6	94.3	97.6	98.4	99.0	99.1	99.3	99.3	99.6	99.6	99.6	99.6	99.8	99.9
≥ 200	24.9	79.6	87.6	94.3	97.6	98.4	99.0	99.1	99.5	99.5	99.7	99.7	99.7	99.7	99.9	100.0
≥ 100	24.9	79.6	87.6	94.3	97.6	98.4	99.0	99.1	99.5	99.5	99.7	99.7	99.7	99.7	99.9	100.0
≥ 0	24.9	79.6	87.6	94.3	97.6	98.4	99.0	99.1	99.5	99.5	99.7	99.7	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 918

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7253.6

COLUMBUS AFB MS

70,73-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	8.7	35.5	41.3	46.0	50.1	51.9	53.3	54.5	55.0	55.2	55.2	55.2	55.2	55.2	55.4	55.4
≥ 20000	10.2	39.8	45.8	51.6	55.7	57.8	59.4	60.9	61.6	61.7	61.7	61.7	61.7	61.7	61.7	62.0
≥ 18000	10.4	40.4	46.5	52.2	56.4	58.4	60.0	61.6	62.2	62.3	62.3	62.3	62.3	62.3	62.6	62.6
≥ 16000	10.6	40.8	46.9	52.9	57.0	59.1	60.7	62.2	62.9	63.0	63.0	63.0	63.0	63.0	63.3	63.3
≥ 14000	11.1	41.4	47.4	53.5	57.7	59.7	61.5	63.0	63.7	63.8	63.8	63.8	63.8	63.8	64.2	64.2
≥ 12000	11.4	42.5	48.6	54.7	59.0	61.0	62.8	64.3	65.0	65.1	65.1	65.1	65.1	65.1	65.5	65.5
≥ 10000	11.9	45.2	52.2	58.3	62.9	64.9	66.7	68.2	68.9	69.1	69.1	69.1	69.1	69.1	69.4	69.4
≥ 9000	11.9	45.4	52.6	59.0	63.7	65.8	67.5	69.1	69.8	69.9	69.9	69.9	69.9	69.9	70.2	70.2
≥ 8000	12.1	47.9	55.3	62.1	67.2	69.4	71.1	72.6	73.4	73.5	73.5	73.6	73.6	73.6	73.9	73.9
≥ 7000	12.2	48.3	55.7	62.6	67.8	70.0	71.9	73.4	74.2	74.3	74.3	74.4	74.4	74.4	74.7	74.7
≥ 6000	12.2	48.5	56.4	63.4	68.6	70.9	72.7	74.3	75.0	75.1	75.1	75.2	75.2	75.2	75.6	75.6
≥ 5000	12.4	49.5	57.4	65.0	70.4	72.6	74.5	76.0	76.8	76.9	76.9	77.0	77.0	77.0	77.3	77.3
≥ 4500	12.5	50.9	59.2	66.8	72.1	74.4	76.3	77.9	78.6	78.7	78.7	78.8	78.8	78.8	79.2	79.2
≥ 4000	12.5	51.7	60.3	68.1	73.5	75.9	77.9	79.4	80.1	80.2	80.2	80.3	80.3	80.3	80.7	80.7
≥ 3500	12.7	52.2	61.6	69.4	74.8	77.2	79.2	80.7	81.4	81.5	81.5	81.7	81.7	81.7	82.0	82.0
≥ 3000	12.7	53.6	63.0	71.2	76.7	79.0	81.0	82.5	83.3	83.4	83.4	83.5	83.5	83.5	83.8	83.8
≥ 2500	12.7	54.1	63.5	71.8	77.3	79.7	81.7	83.2	83.9	84.0	84.0	84.1	84.1	84.1	84.5	84.5
≥ 2000	12.8	54.9	64.4	73.0	78.7	81.1	83.1	84.6	85.3	85.5	85.5	85.6	85.7	85.7	86.0	86.0
≥ 1800	12.8	55.4	64.8	73.5	79.3	81.7	83.7	85.2	86.1	86.2	86.2	86.3	86.4	86.4	86.8	86.8
≥ 1500	12.9	56.7	66.3	75.5	81.4	83.8	85.9	87.4	88.3	88.4	88.4	88.5	88.6	88.6	88.9	88.9
≥ 1200	13.1	57.2	67.2	76.5	82.8	85.5	87.6	89.1	90.0	90.1	90.1	90.2	90.3	90.3	90.7	90.7
≥ 1000	13.2	58.6	68.8	78.4	84.9	87.5	89.7	91.3	92.2	92.3	92.3	92.4	92.5	92.5	92.8	92.8
≥ 900	13.4	59.3	69.6	79.2	85.7	88.3	90.4	92.1	92.9	93.2	93.2	93.3	93.4	93.4	93.7	93.7
≥ 800	13.5	59.7	70.2	80.0	87.1	89.7	91.9	93.5	94.4	94.6	94.6	94.7	94.8	94.8	95.1	95.1
≥ 700	13.5	59.8	70.6	80.5	87.8	90.4	92.6	94.2	95.1	95.3	95.3	95.4	95.5	95.5	96.0	96.0
≥ 600	13.5	60.0	71.0	81.0	88.6	91.2	93.4	95.0	95.9	96.2	96.2	96.3	96.4	96.4	96.9	96.9
≥ 500	13.5	60.2	71.2	81.3	89.3	92.0	94.1	95.8	96.6	97.0	97.0	97.1	97.2	97.2	97.6	97.6
≥ 400	13.5	60.4	71.6	82.1	90.0	92.8	95.2	96.9	97.7	98.0	98.2	98.3	98.4	98.4	98.8	98.8
≥ 300	13.5	60.5	71.9	82.2	90.1	92.9	95.4	97.2	98.2	98.5	98.7	98.9	99.1	99.1	99.7	99.7
≥ 200	13.5	60.5	71.9	82.2	90.1	92.9	95.4	97.2	98.2	98.6	98.8	99.0	99.2	99.2	99.9	99.9
≥ 100	13.5	60.5	71.9	82.2	90.1	92.9	95.4	97.2	98.2	98.6	98.8	99.0	99.2	99.2	99.9	100.0
≥ 0	13.5	60.5	71.9	82.2	90.1	92.9	95.4	97.2	98.2	98.6	98.8	99.0	99.2	99.2	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 921

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2
GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7233 6

COLUMBUS AFB MS

70,73-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	14.7	34.5	38.5	42.2	45.1	46.8	48.4	48.8	49.1	49.1	49.1	49.1	49.1	49.1	49.2	49.2
≥ 20000	15.7	39.7	44.1	48.3	51.6	53.5	55.2	55.7	56.0	56.0	56.1	56.1	56.1	56.2	56.2	56.2
≥ 18000	15.9	40.2	44.8	49.0	52.2	54.2	55.9	56.3	56.6	56.6	56.8	56.8	56.8	56.9	56.9	56.9
≥ 16000	16.2	40.6	45.2	49.5	52.8	54.7	56.4	56.9	57.2	57.2	57.3	57.3	57.3	57.4	57.4	57.4
≥ 14000	16.6	41.4	46.2	50.7	54.1	56.0	57.7	58.2	58.5	58.5	58.6	58.6	58.6	58.7	58.7	58.7
≥ 12000	16.8	42.5	47.4	51.9	55.2	57.3	59.0	59.5	59.8	59.8	59.9	59.9	59.9	60.0	60.0	60.0
≥ 10000	17.3	45.5	50.7	55.8	59.6	61.6	63.4	63.9	64.3	64.4	64.5	64.5	64.5	64.6	64.6	64.6
≥ 9000	17.4	45.9	51.1	56.5	60.6	62.8	64.5	65.1	65.5	65.6	65.7	65.7	65.7	65.8	65.8	65.8
≥ 8000	17.5	46.3	53.8	59.7	63.9	66.1	67.8	68.3	68.8	68.9	69.0	69.0	69.0	69.1	69.1	69.1
≥ 7000	17.7	49.0	54.7	60.6	64.9	67.0	68.8	69.3	69.7	69.8	69.9	69.9	69.9	70.1	70.1	70.1
≥ 6000	18.1	49.8	55.8	61.9	66.2	68.4	70.2	70.7	71.1	71.2	71.4	71.4	71.4	71.5	71.5	71.5
≥ 5000	18.2	51.4	57.6	64.3	68.8	71.1	72.9	73.5	73.9	74.1	74.2	74.2	74.2	74.3	74.3	74.3
≥ 4500	18.2	52.4	58.7	65.4	69.8	72.2	73.9	74.6	75.0	75.1	75.2	75.2	75.2	75.4	75.4	75.4
≥ 4000	18.3	53.2	59.7	66.6	71.5	73.9	75.7	76.3	76.8	76.9	77.0	77.0	77.0	77.1	77.1	77.1
≥ 3500	18.4	53.9	60.4	67.5	72.3	75.0	76.8	77.4	77.8	77.9	78.1	78.1	78.1	78.2	78.2	78.2
≥ 3000	18.6	54.9	61.6	68.6	73.5	76.2	77.9	78.6	79.0	79.1	79.2	79.2	79.2	79.4	79.4	79.4
≥ 2500	18.7	55.7	62.7	70.1	74.9	77.6	79.5	80.1	80.5	80.6	80.8	80.8	80.8	80.9	80.9	80.9
≥ 2000	18.8	57.1	64.5	72.1	77.1	79.9	81.9	82.6	83.0	83.1	83.2	83.2	83.2	83.4	83.4	83.4
≥ 1800	18.8	57.1	64.6	72.3	77.3	80.1	82.3	82.9	83.4	83.5	83.6	83.6	83.6	83.7	83.7	83.7
≥ 1500	18.9	59.4	66.9	74.7	79.8	82.6	85.0	85.6	86.1	86.2	86.3	86.3	86.3	86.4	86.4	86.4
≥ 1200	19.5	60.9	68.9	76.9	82.3	85.1	87.5	88.1	88.5	88.6	88.8	88.8	88.8	88.9	88.9	88.9
≥ 1000	19.9	62.9	71.0	79.2	84.9	87.8	90.2	90.9	91.4	91.5	91.6	91.6	91.6	91.7	91.7	91.7
≥ 900	20.1	63.5	71.8	80.1	85.7	88.6	91.0	91.8	92.2	92.3	92.4	92.4	92.4	92.5	92.5	92.5
≥ 800	20.1	63.8	72.3	80.9	86.6	89.7	92.3	93.1	93.5	93.6	93.7	93.7	93.7	93.8	93.8	93.8
≥ 700	20.1	64.2	72.9	81.6	87.4	90.5	93.1	93.8	94.3	94.4	94.5	94.5	94.5	94.6	94.6	94.6
≥ 600	20.2	65.0	73.9	83.0	89.3	92.5	95.1	96.0	96.5	96.6	96.8	96.8	96.8	96.9	96.9	96.9
≥ 500	20.2	65.5	74.6	83.9	90.6	93.9	96.6	97.6	98.2	98.3	98.4	98.4	98.4	98.5	98.5	98.5
≥ 400	20.2	65.5	74.6	83.9	90.9	94.3	97.1	98.1	98.6	98.7	98.8	98.8	98.8	98.9	98.9	98.9
≥ 300	20.2	65.5	74.6	83.9	90.9	94.5	97.3	98.4	98.9	99.0	99.2	99.2	99.2	99.4	99.4	99.4
≥ 200	20.2	65.5	74.6	83.9	90.9	94.5	97.3	98.5	99.0	99.1	99.5	99.5	99.6	99.7	99.9	100.0
≥ 100	20.2	65.5	74.6	83.9	90.9	94.5	97.3	98.5	99.0	99.1	99.5	99.5	99.6	99.7	99.9	100.0
≥ 0	20.2	65.5	74.6	83.9	90.9	94.5	97.3	98.5	99.0	99.1	99.5	99.5	99.6	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

925

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

725376

COLUMBUS AFB MS

70,73-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

5900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	29.7	48.1	49.4	50.5	50.8	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 20000	34.3	55.7	57.2	58.3	58.6	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 18000	34.4	56.1	57.6	58.7	59.0	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 16000	34.6	56.6	58.1	59.2	59.5	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 14000	34.9	57.2	58.7	59.8	60.1	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 12000	35.7	59.1	60.6	61.7	62.0	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 10000	36.5	62.6	64.5	65.6	65.9	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 9000	36.6	62.8	64.7	65.8	66.1	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 8000	37.3	65.7	67.6	68.8	69.1	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 7000	37.8	67.0	69.0	70.2	70.8	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 6000	38.7	67.5	69.6	70.8	71.3	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 5000	38.3	69.1	71.3	73.1	73.8	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 4500	38.3	70.1	72.3	74.1	74.8	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 4000	38.5	71.3	73.5	75.3	76.1	76.3	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 3500	38.7	72.1	74.2	76.2	76.9	77.1	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 3000	39.8	73.7	75.9	77.9	78.7	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 2500	40.5	75.4	77.8	79.7	80.7	80.9	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 2000	41.2	78.9	81.4	83.4	84.4	84.6	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 1800	41.4	79.9	82.5	84.6	85.5	85.8	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 1500	42.3	83.5	86.3	88.5	89.4	89.6	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1200	42.6	86.2	89.1	91.4	92.4	92.8	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1000	43.3	87.8	90.7	93.1	94.3	94.6	94.8	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 900	43.4	88.2	91.3	93.6	94.8	95.1	95.4	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 800	43.5	88.5	91.5	93.9	95.1	95.5	95.7	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 700	43.6	89.2	92.3	94.7	96.0	96.3	96.5	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 600	43.7	89.8	93.2	95.8	97.2	97.8	98.1	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 500	43.7	89.8	93.3	95.9	97.5	98.3	98.7	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	43.7	89.8	93.5	96.1	97.7	98.5	99.0	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	43.7	89.8	93.5	96.1	97.8	98.6	99.1	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	43.7	89.8	93.5	96.1	97.8	98.6	99.1	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	43.7	89.8	93.5	96.1	97.8	98.6	99.1	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	43.7	89.8	93.5	96.1	97.8	98.6	99.1	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
OFFLTAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7233.6

COLUMBUS AFB MS

70,77-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-1900
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥1/2
NO CEILING	36.6	45.1	46.2	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 20000	44.4	58.7	59.2	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 18000	45.7	59.8	60.3	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 16000	46.3	60.7	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 14000	46.7	61.8	62.4	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 12000	47.7	63.1	63.6	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 10000	48.4	65.0	65.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 9000	48.4	65.0	65.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 8000	49.6	67.3	68.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 7000	50.3	68.6	69.4	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 6000	50.6	69.7	70.4	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 5000	51.3	72.2	73.6	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 4500	51.3	73.2	74.8	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 4000	52.4	77.3	79.1	79.6	79.8	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 3500	54.5	80.5	82.5	83.2	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 3000	56.0	84.4	86.5	87.2	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 2500	57.2	87.3	89.6	90.3	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 2000	57.9	89.3	91.8	92.8	93.2	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1800	58.1	89.6	92.1	93.1	93.5	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1500	58.7	91.6	94.2	95.3	95.7	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1200	58.7	92.0	94.7	95.9	96.3	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1000	58.9	92.6	95.5	96.7	97.1	97.1	97.1	97.3	97.3	97.3	97.3	97.4	97.4	97.5	97.5	97.5
≥ 900	58.9	92.7	95.6	96.9	97.3	97.3	97.3	97.5	97.5	97.5	97.5	97.6	97.6	97.7	97.7	97.7
≥ 800	59.0	92.9	95.9	97.2	97.6	97.6	97.6	97.8	97.8	97.8	97.8	98.1	98.1	98.2	98.2	98.2
≥ 700	59.1	93.3	96.3	97.8	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.7	98.7	98.8	98.8	98.8
≥ 600	59.1	93.4	96.5	98.2	98.6	98.6	98.6	98.8	98.8	98.8	98.8	99.0	99.0	99.1	99.1	99.1
≥ 500	59.1	93.5	96.9	98.5	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.4	99.4	99.5	99.5	99.6
≥ 400	59.1	93.6	97.0	98.6	99.0	99.0	99.0	99.1	99.5	99.5	99.5	99.8	99.8	99.9	99.9	100.0
≥ 300	59.1	93.6	97.0	98.6	99.0	99.0	99.0	99.1	99.5	99.5	99.5	99.8	99.8	99.9	99.9	100.0
≥ 200	59.1	93.6	97.0	98.6	99.0	99.0	99.0	99.1	99.5	99.5	99.5	99.8	99.8	99.9	99.9	100.0
≥ 100	59.1	93.6	97.0	98.6	99.0	99.0	99.0	99.1	99.5	99.5	99.5	99.8	99.8	99.9	99.9	100.0
≥ 0	59.1	93.6	97.0	98.6	99.0	99.0	99.0	99.1	99.5	99.5	99.5	99.8	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

927

AD-A113 713 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
COLUMBUS AFB, MISSISSIPPI. REVISED UNIFORM SUMMARY OF SURFACE W--ETC(11)
FEB 82

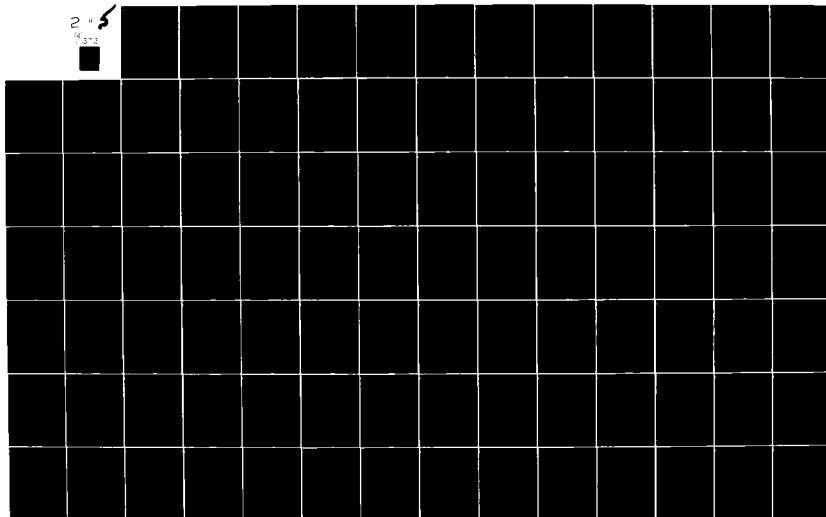
UNCLASSIFIED USAFETAC/DS-82/015

SBI-AD-E850 15A

NL

24

3-13



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12-316 STATION COLUMBUS AFB MS 70,73-81 YEARS JUL MONTH
1200-1400 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.5	4.5	1.5	.3								9.9	4.6
NNE	1.4	2.7	.8		.1							4.9	4.8
NE	.8	1.2	.2									2.2	4.4
ENE	1.1	.5	.2	.2								2.0	4.5
E	1.4	1.5	.3	.2	.3							3.8	5.7
ESE	1.0	1.0	.8	.6	.1							3.4	7.0
SE	1.1	1.8	1.0	.1								4.0	5.2
SSE	1.7	1.7	.9	.1								4.4	4.6
S	3.2	2.9	1.5									7.6	4.4
SSW	2.8	3.2	.3									6.3	3.7
SW	1.6	1.6	.8	.1								4.1	4.6
WSW	3.2	3.9	1.9	.2								9.2	4.8
W	3.2	4.3	2.2	.3								10.0	5.1
WNW	2.6	3.7	2.0	.2								8.5	5.0
NW	1.4	3.5	1.2									6.1	4.9
NNW	2.4	3.5	1.9	.3								8.2	5.1
VARBL													
CALM												5.3	
	32.4	41.6	17.4	2.8	.5							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

123316
STATION

COLUMBUS AFB MS
STATION NAME

70.73-81
YEARS

JUL
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	5.7	2.6	.5	.1							11.1	5.7
NNE	1.7	2.7	.5	.2	.1							5.3	4.9
NE	1.1	.8	.2	.2								2.3	4.4
ENE	.8	1.1	.6	.4								2.9	6.4
E	1.2	1.4	.6	.4								3.7	6.0
ESE	.6	1.1	1.0	.6	.1							3.4	7.7
SE	1.2	2.0	1.3	.5	.1							5.2	6.0
SSE	1.8	1.8	1.0	.1								4.7	4.8
S	4.2	5.4	1.5									11.1	4.3
SSW	2.4	2.4	.6	.2	.1							5.7	4.7
SW	1.6	1.7	.8	.1								4.2	4.5
WSW	2.0	2.6	1.5	.1								6.2	5.0
W	3.1	4.5	1.2	.2								9.0	4.7
WNW	2.0	3.0	2.7	.1								7.8	5.4
NW	.8	2.8	.9	.1								4.5	5.2
NNW	1.4	2.7	1.9	1.0	.1							7.1	6.6
VARBL													
CALM												5.8	
	28.1	41.6	18.9	4.9	.6							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723306
STATION

COLUMBUS AFB MS
STATION NAME

70,73-81
YEARS

JUL
MONTH

ALL WEATHER

CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.1	2.2	.5	.1								6.9	3.7
NNE	1.9	.9	.2	.3								3.3	4.0
NE	1.6	.5	.1									2.3	3.1
ENE	1.5	.4	.3	.2								2.5	4.0
E	3.2	.9	.5	.1								4.7	3.5
ESE	2.0	1.7	.4	.2								4.4	4.0
SE	2.0	2.5	1.0	.4								5.9	5.1
SSE	2.4	2.3	.9									5.5	4.3
S	6.1	2.7	1.3									10.1	3.5
SSW	2.6	1.3	.1									4.0	3.2
SW	1.7	.8	.3	.2								3.0	3.9
WSW	2.9	1.6	.1									4.6	3.2
W	2.3	1.3	.1		.1							3.8	3.5
WNW	2.2	1.2	.1									3.4	3.3
NW	1.9	1.5	.1	.1	.1							3.8	4.1
NNW	1.7	.9	.3	.2								3.1	4.6
VARBL													
CALM												28.7	
	40.2	22.5	6.5	1.9	.2							100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723306
STATION

COLUMBUS AFB MS
STATION NAME

70.73-81
YEARS

JUL
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	.9	.1	.2								2.9	4.0
NNE	1.2	.2	.1									1.5	3.0
NE	1.4	.2	.1									1.7	2.4
ENE	1.2	.1	.1									1.4	2.5
E	1.6	.4	.9	.1								3.0	4.6
ESE	3.2	.9	.4									4.5	3.3
SE	3.0	2.8	1.0	.3	.1							7.2	4.5
SSE	1.8	1.9	.6		.2	.1						4.7	5.1
S	3.9	1.8	.5									6.2	3.3
SSW	1.6	1.2		.1								2.9	3.5
SW	1.4	.5										1.9	2.9
WSW	.9	.4										1.3	3.1
W	1.6	.5										2.2	2.5
WNW	1.0	.1										1.1	2.3
NW	1.0	.3										1.3	2.5
NNW	1.0	.2										1.2	2.8
VARBL													
CALM												54.9	
	27.4	12.6	3.9	.8	.3	.1						100.0	1.6

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723306
STATION

COLUMBUS AFB MS
STATION NAME

70, 73-81
YEARS

JUL
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.9	2.7	.8	.2	.0							6.5	4.2
NNE	1.5	1.1	.3	.1	.1							3.0	4.1
NE	1.1	.5	.1	.0								1.7	3.3
ENE	1.2	.5	.2	.1								2.0	4.0
E	1.9	1.0	.6	.2	.1							3.7	4.6
ESE	2.1	1.1	.5	.3	.0							4.0	4.5
SE	2.8	2.1	.7	.2	.0							5.9	4.2
SSE	2.5	1.9	.6	.0	.0	.0						5.1	4.0
S	4.2	2.9	.8	.0	.0							7.9	3.7
SSW	2.1	1.5	.3	.0	.0							3.9	3.7
SW	1.7	1.0	.3	.1								3.1	3.7
WSW	2.0	1.5	.7	.1								4.2	4.2
W	2.6	2.2	.7	.1	.0							5.5	4.1
WNW	1.7	1.6	.7	.1								4.1	4.4
NW	1.3	1.5	.4	.0	.0							3.2	4.2
NNW	1.6	1.3	.6	.2	.0							3.7	4.7
VARBL													
CALM												32.5	
	33.2	24.2	8.2	1.7	.3	.0						100.0	2.8

TOTAL NUMBER OF OBSERVATIONS

7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723306
STATION

COLUMBUS AFB MS
STATION NAME

70.73-81
YEARS

AUG
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.3	2.3		.1								5.7	3.3
NNE	1.0											1.0	2.1
NE	.6											.6	2.0
ENE	.8											.8	2.0
E	2.8	.6										3.4	2.6
ESE	4.4	1.5	.2									6.1	2.8
SE	4.6	1.4	.2	.3								6.6	3.2
SSE	3.7	1.8	.1	.1								5.7	3.1
S	4.1	1.6	.1	.1								5.9	3.1
SSW	.9	.3										1.2	3.0
SW	.6											.6	1.8
WSW	.2											.2	1.0
W		.1										.1	4.0
WNW	.3	.1										.4	2.8
NW	.4	.1										.5	2.2
NNW	1.3	.8										2.0	3.1
VARBL													
CALM												59.0	
	29.1	10.7	.6	.6								100.0	1.2

TOTAL NUMBER OF OBSERVATIONS

929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

725306
STATION

COLUMBUS AFB MS
STATION NAME

70,73-81
YEARS

AUG
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.1	1.3	.2									7.1	2.8
NNE	2.0	.2										2.3	2.0
NE	.3											.3	1.0
ENE	.8	.1										.9	1.9
E	1.7	.4										2.2	2.4
ESE	3.9	.9	.1									4.8	2.5
SE	5.5	1.2		.3								7.0	2.9
SSE	1.8	1.0	.3									3.1	3.5
S	2.8	1.4										4.2	2.7
SSW	.4	.2										.6	2.7
SW	.4											.4	1.8
WSW	.1											.1	2.0
W	.4	.1										.5	2.4
WNW	.4	.1										.5	3.0
NW	1.0											1.0	2.0
NNW	2.0	.4										2.5	2.3
VARBL													
CALM												62.5	
	28.7	7.8	.6	.3								100.0	1.0

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

723306 STATION COLUMBUS AFB MS 70.73-81 YEARS AUG MONTH
ALL WEATHER CLASS 0600-0800 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.7	3.0	1.0									7.6	3.7
NNE	2.6	.6	.4									3.7	2.8
NE	1.5											1.5	1.9
ENE	1.3	.3										1.6	2.3
E	3.2	.9	.1									4.2	2.5
ESE	5.9	1.9	.6									8.5	3.1
SE	4.3	2.8	.5	.3								8.0	4.0
SSE	3.5	1.9	.2									5.7	3.0
S	4.1	1.9	.3									6.3	3.1
SSW	3.1	1.2	.1									4.4	2.5
SW	1.5	.5	.1									2.2	2.8
WSW	.8	.3	.2									1.3	3.5
W	1.3	.8	.1									2.2	3.5
WNW	.8	.2										1.0	2.4
NW	.5	.3										.9	2.8
NNW	1.8	.9										2.7	3.0
VARBL													
CALM												38.4	
	39.9	17.6	3.8	.3								100.0	1.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATM WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723306
STATION

COLUMBUS AFB MS
STATION NAME

70.73-81
YEARS

AUG
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.3	3.3	1.8	.3								9.8	4.5
NNE	2.3	1.7	.2									4.2	3.5
NE	1.2	.8	.3									2.3	3.5
ENE	1.5	.8	.4									2.7	3.9
E	2.9	1.6	.2	.1								4.8	3.3
ESE	2.2	2.2	1.0	.1								5.4	4.2
SE	2.2	2.0	.6	.2								5.1	4.3
SSE	4.4	2.9	.6	.2								8.2	3.8
S	5.5	3.5	1.4									10.4	3.7
SSW	2.5	3.1	.3	.1								6.0	3.8
SW	2.2	1.7	.6	.1								4.6	4.0
WSW	3.0	1.8	.8									5.6	3.9
W	3.2	2.3	.8									6.2	3.7
WNW	2.2	1.2	.4									3.8	3.5
NW	2.6	1.0	.2									3.8	3.0
NNW	2.0	2.6	.1	.1								4.8	3.8
VARBL													
CALM												12.4	
	44.0	32.5	9.9	1.3								100.0	3.8

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23306 COLUMBUS AFB MS 70.73-81 AUG
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
1200-1400
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.0	4.3	2.8	.5								10.6	5.5
NNE	1.7	1.5	1.1	.1								4.4	4.8
NE	.8	1.2	.1	.1								2.2	4.4
ENE	1.9	1.3	.2	.1								3.5	3.6
E	1.4	1.1	.5	.1								3.1	4.3
ESE	2.2	1.9	1.1	.1								5.3	4.6
SE	1.8	1.9	.6	.3								4.7	4.7
SSE	2.6	2.0	.9	.3								5.8	4.7
S	2.9	4.0	2.2	.2								9.2	5.0
SSW	2.4	3.8	1.4									7.5	4.6
SW	1.9	2.7	1.4	.3								6.3	5.0
WSW	3.2	1.8	1.3	.1								6.5	4.4
W	3.8	3.0	1.2	.3								8.3	4.3
WNW	1.5	1.2	.9	.1								3.7	4.9
NW	1.3	2.3	.9		.1							4.5	4.7
NNW	2.2	3.1	1.5	.9								7.6	5.6
VARBL													
CALM												6.7	
	34.5	37.1	18.0	3.7	.1							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT: WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

72336
STATION

COLUMBUS AFB MS
STATION NAME

70,73-81
YEARS

AUG
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.5	4.8	2.2	.9								11.4	5.2
NNE	2.2	1.6	1.1	.1								4.9	4.4
NE	1.6	1.9	.5									4.1	4.2
ENE	1.6	1.3	.5	.4								3.9	5.1
E	2.2	1.7	1.0	.1	.1							5.1	4.9
ESE	1.3	1.5	1.6	.1								4.5	5.5
SE	1.2	2.3	1.5	.1								4.8	5.3
SSE	1.6	2.3	1.9									5.8	5.5
S	4.1	3.8	2.3	.3	.1							10.5	4.9
SSW	2.8	3.7	1.2									7.6	4.4
SW	2.0	2.6	.3									4.9	3.8
WSW	2.2	2.3	.1	.1								4.6	3.9
W	2.0	1.6	1.1	.3								5.1	5.0
WNW	1.8	1.3	.6	.2								4.0	4.3
NW	1.4	1.4	.8	.2								3.8	5.1
NNW	1.5	3.5	2.2	.3								7.5	5.5
VARBL													
CALM												7.4	
	33.0	37.3	18.8	3.2	.2							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATMOSPHERIC WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12-3-66 STATION COLUMBUS AFB MS STATION NAME 70.73-81 YEARS AUG MONTH
ALL WEATHER CLASS 1800-2000 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.3	2.3	.4	.1								7.1	3.6
NNE	2.7	.5	.1	.1								3.5	3.0
NE	1.5	.6	.3									2.5	3.5
ENE	1.7	.9										2.6	3.1
E	3.6	1.7	.6	.1								5.3	3.7
ESE	3.2	2.9	.6	.1	.1	.1						7.1	4.3
SE	2.9	2.8	.6									6.4	3.9
SSE	3.1	1.7	.2	.1								5.2	3.3
S	4.6	2.8	.5									8.0	3.4
SSW	2.2	.9	.2	.1								3.3	3.7
SW	1.1	.6										1.7	2.9
WSW	.6	.6	.1									1.4	3.5
W	1.2	.9	.1		.1							2.2	4.3
WNW	1.2	.2										1.4	2.2
NW	1.7	.3	.1									2.2	2.7
NNW	2.8	1.3	.3									4.4	3.4
VARBL													
CALM												35.8	
	38.5	20.3	4.4	.6	.2	.1						100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ALL WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

120304
STATION

COLUMBUS AFB MS
STATION NAME

70,73-81
YEARS

AUG
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.6	1.3	.4									6.4	3.1
NNE	1.4	.2		.1								1.7	2.8
NE	.8	.3										1.1	2.5
ENE	.8	.5	.1									1.4	3.5
E	1.7	.8		.1								2.6	3.1
ESE	4.7	1.4	.3									6.5	3.0
SE	5.1	3.7	.8									9.5	3.5
SSE	3.6	2.0	.1	.1								5.8	3.3
S	3.1	1.7	.6									5.5	3.6
SSW	1.5	.2										1.7	2.1
SW	.4	.1										.5	2.6
WSW	.8											.8	2.0
W	.2	.1	.1									.4	4.5
WNW	.1											.1	2.0
NW	.8	.5										1.3	2.8
NNW	1.2	.2		.1								1.5	3.1
VARBL													
CALM												53.2	
	30.7	13.2	2.5	.4								100.0	1.5

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

123306 STATION COLUMBUS AFB MS 70.73-81 YEARS MONTH AUG

ALL WEATHER

CLASS

ALL

HOURLS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.0	2.9	1.1	.2								8.2	4.2
NNE	2.0	.8	.4	.1								3.2	3.5
NE	1.0	.6	.2	.0								1.8	3.5
ENE	1.3	.6	.2	.1								2.2	3.6
E	2.4	1.0	.3	.1	.0							3.8	3.5
ESE	3.5	1.8	.7	.1	.0	.0						6.0	3.7
SE	3.4	2.2	.6	.2								6.5	3.9
SSE	3.0	2.0	.6	.1								5.7	3.8
S	3.9	2.6	.9	.1	.0							7.5	3.9
SSW	2.0	1.7	.4	.0								4.1	3.8
SW	1.3	1.0	.3	.1								2.7	3.9
WSW	1.4	.9	.3	.0								2.6	3.9
W	1.5	1.1	.4	.1	.0							3.1	4.2
WNW	1.0	.5	.2	.0								1.9	3.8
NW	1.2	.7	.2	.0	.0							2.2	3.7
NNW	1.9	1.6	.5	.2								4.1	4.3
VARBL													
CALM												34.4	
	34.8	22.1	7.3	1.3	.1	.0						100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 7433

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723306
STATION

COLUMBUS AFB MS
STATION NAME

69-70,73-80
YEARS

SEP
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	6.5	1.9	1.1	.1								9.6	3.4
NNE	1.3	.3	.4									2.1	3.7
NE	.7	.8	.2									1.7	4.0
ENE	.7	.4										1.1	3.4
E	3.3	1.4	.3									5.1	3.0
ESE	4.2	2.9	.3									7.5	3.3
SE	2.7	2.3	.1									5.1	3.2
SSE	2.3	1.3	.4	.3								4.4	4.3
S	1.4	1.6										3.0	3.4
SSW	.2	.1										.3	3.0
SW	.1	.1	.1									.3	4.7
WSW	.4	.2										.7	2.8
W	.4	.4	.1									1.0	3.8
WNW	.4	.3	.2									1.0	4.3
NW	.2	.1	.3									.7	5.8
NNW	2.1	.9	.6									3.4	3.7
VARBL													
CALM												52.9	
	27.1	15.1	4.3	.4								100.0	1.7

TOTAL NUMBER OF OBSERVATIONS

899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATTN: WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 723316 STATION NAME COLUMBUS AFB MS YEARS 69-70, 73-80 MONTHS SEP
CLASS ALL WEATHER DOWNS (L.S.T.) 0300-0500
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.1	3.4	.6	.1								9.2	3.6
NNE	1.3	.6	.2	.2								2.3	4.2
NE	.8	.4										1.2	2.8
ENE	1.7	.4										2.1	2.5
E	2.9	1.0	.7	.1								4.7	3.8
ESE	3.1	1.3	.3									4.8	3.2
SE	3.1	1.6	.1									4.8	3.1
SSE	1.3	.8	.2	.1								2.4	3.7
S	1.6	1.4	.7									3.7	4.2
SSW	.4	.2										.7	3.0
SW	.1	.1										.2	2.5
WSW													
W	.2	.3										.6	3.4
WNW	.4	.6	.4									1.4	5.2
NW	1.9	.6										2.4	2.4
NNW	3.2	.8	.9									4.9	3.5
VARBL													
CALM												54.6	
	27.2	13.6	4.1	.6								100.0	1.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1233.6
STATION

COLUMBUS AFB MS
STATION NAME

69-70, 73-80
YEARS

SEP
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	6.1	4.8	1.8	.6								13.2	4.5
NNE	2.0	1.8	.3	.2		.1						4.4	4.7
NE	1.3	1.1										2.4	3.0
ENE	1.9	1.2	.4									3.6	3.8
E	3.7	1.9	.8	.1								6.4	3.7
ESE	3.4	3.8	1.3									8.6	4.2
SE	3.7	2.6	.6									6.8	3.7
SSE	2.3	2.0	.7									5.0	3.8
S	2.7	1.2	.6									4.4	3.5
SSW	.2	1.1	.2									1.6	5.0
SW	.7	.3										1.0	2.9
WSW	.1	.1										.2	3.5
W	.6		.1									.7	2.7
WNW	.4	.4										.9	3.5
NW	1.0	.6	.7									2.2	4.5
NNW	2.4	1.0	.9									4.3	4.1
VARBL													
CALM												34.2	
	32.6	23.9	8.3	.9		.1						100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723306
STATION

COLUMBUS AFB MS
STATION NAME

69-70,73-80
YEARS

SEP
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	5.1	3.1	.6								11.3	5.6
NNE	2.9	3.1	1.1	.4								7.6	4.6
NE	1.2	.9	.7	.2								3.0	4.8
ENE	1.7	2.7	1.4									5.8	4.9
E	3.1	2.4	2.0	.1								7.7	4.7
ESE	2.2	2.0	2.7	.6								7.4	5.8
SE	1.8	3.4	2.3	.4								8.0	5.7
SSE	2.6	2.4	.9	.3								6.2	4.5
S	2.6	4.0	1.9									8.4	4.8
SSW	2.3	2.6	.6									5.4	4.0
SW	.6	.7	.6									1.8	4.9
WSW	.9	.8	.6	.2								2.4	5.0
W	1.0	1.1	.7									2.8	4.2
WNW	.3	.7	.3									1.3	4.7
NW	.8	1.9	.9	.1								3.7	5.2
NNW	2.3	1.9	1.9	.3								6.3	5.3
VARBL													
CALM												10.8	
	28.8	35.6	21.6	3.3								100.0	4.5

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7233.6
STATION

COLUMBUS AFB MS
STATION NAME

69-70, 73-80
YEARS

SEP
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.4	6.6	4.1	.8								14.9	5.6
NNE	1.7	2.6	1.4									5.7	4.8
NE	1.7	1.8	1.1									4.6	4.7
ENE	1.1	2.6	.8	.1								4.6	5.0
E	1.2	2.0	1.7	.1								5.0	5.6
ESE	1.9	1.6	2.4	.7								6.6	6.2
SE	1.6	2.0	2.2		.1							5.9	6.0
SSE	1.9	2.3	2.0	.2								6.4	5.3
S	2.6	2.9	2.6	.3								8.3	5.4
SSW	1.2	3.7	1.6	.1								6.6	5.2
SW	.8	1.6	.6									2.9	4.8
WSW	.7	1.0	.6									2.2	4.9
W	2.0	1.0	1.0		.1							4.1	4.5
WNW	1.0	.9	.7	.2	.1							2.8	5.2
NW	1.4	2.6	1.3		.1							5.4	5.3
NNW	1.4	3.6	3.1	.6								8.7	6.2
VARBL													
CALM												5.4	
	25.6	38.4	27.1	3.1	.3							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

723376
STATION

COLUMBUS AFB MS
STATION NAME

69-70.73-80
YEARS

SEP
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.5	6.6	4.8	1.0								16.8	5.6
NNE	2.4	2.3	1.6									6.3	4.6
NE	1.3	1.2	1.1	.1								3.8	5.0
ENE	2.6	2.1	.8	.1								5.6	4.4
E	2.4	2.8	1.6	.2								7.0	4.7
ESE	1.0	2.1	1.4	.1								4.7	5.6
SE	1.2	2.0	1.9									5.1	5.4
SSE	.8	3.5	1.6	.2								6.0	5.8
S	2.3	4.7	.9									7.9	4.6
SSW	1.6	1.9	.9									4.3	4.5
SW	.7	1.4	.1									2.2	4.2
WSW	1.2	1.1	.7									3.0	4.7
W	1.1	1.3	.4	.2								3.1	4.8
WNW	1.6	.9	.4	.2	.1							3.2	5.1
NW	1.2	2.6	1.0	.1								4.9	5.1
NNW	3.0	4.3	2.6	.4								10.4	5.4
VARB													
CALM												5.6	
	29.0	40.9	21.7	2.8	.1							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 898

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7233.6
STATION

COLUMBUS AFB MS
STATION NAME

69-70, 73-80
YEARS

SEP
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.3	3.6	2.1									11.4	4.1
NNE	1.9	1.1	.1									3.0	3.2
NE	2.0	1.1	.1									3.2	3.3
ENE	1.8	.9	.3	.1	.1							3.2	4.7
E	3.7	1.6	.2	.1								5.6	3.4
ESE	2.9	1.4	.9	.1								5.3	4.0
SE	2.8	2.6	.2	.1								5.7	3.9
SSE	1.4	2.1	.7									4.2	4.4
S	1.9	1.6	.8	.1								4.3	4.4
SSW	.3	.2	.1									.7	3.5
SW	.6	.1	.1									.8	3.1
WSW	.3	.3	.1									.8	4.4
W	.7	.3	.3									1.3	4.0
WNW	1.1	.4	.2	.1								1.9	4.0
NW	1.8	1.0	.4	.2								3.4	4.2
NNW	3.6	1.7	.1	.1	.1							5.6	3.6
VARBL													
CALM												39.6	
	32.3	20.0	6.9	1.0	.2							100.0	2.4

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7203 6
STATION

COLUMBUS AFB MS

STATION NAME

69-70, 73-80

YEARS

SEP

MONTH

ALL WEATHER

CLASS

2100-2300

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	0.4	4.8	.7									10.9	3.6
NNE	1.8	.7	.1									2.6	3.1
NE	1.2	.2	.3									1.8	3.6
ENE	1.1	.8	.1		.1							2.1	4.1
E	2.7	1.8	.1									4.6	3.2
ESE	2.1	1.9	.7	.1								4.8	4.3
SE	2.8	3.2	.1	.2								6.3	3.8
SSE	1.0	1.2	.6									2.8	4.5
S	.8	2.1	.7									3.6	4.9
SSW	.1	.3	.2									.7	4.8
SW			.1									.1	7.0
WSW		.3										.3	5.0
W	.4	.2	.1									.8	3.4
WNW	.6	.3	.2									1.1	3.8
NW	.8	.1	.4	.1								1.4	5.2
NNW	1.4	.4	.7	.1								2.7	4.8
VARBL													
CALM												53.6	
	22.2	18.4	5.1	.6	.1							100.0	1.8

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFCTAC
ATMOSPHERIC WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

7273.6
STATION

COLUMBUS AFB MS
STATION NAME

69-70,73-80
YEARS

SEP
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.9	4.6	2.3	.4								12.2	4.6
NNE	1.9	1.6	.7	.1		.0						4.3	4.3
NE	1.3	.9	.4	.0								2.7	4.1
ENE	1.6	1.4	.5	.0	.0							3.5	4.4
E	2.9	1.9	.9	.1								5.8	4.1
ESE	2.6	2.1	1.3	.2								6.2	4.6
SE	2.4	2.5	.9	.1	.0							6.0	4.4
SSE	1.7	2.0	.9	.2								4.7	4.7
S	2.0	2.4	1.0	.1								5.5	4.6
SSW	.8	1.3	.4	.0								2.5	4.5
SW	.4	.5	.2									1.2	4.3
WSW	.5	.5	.2	.0								1.2	4.6
W	.8	.6	.3	.0	.0							1.8	4.2
WNW	.7	.6	.3	.1	.0							1.7	4.7
NW	1.1	1.2	.6	.1	.0							3.0	4.7
NNW	2.4	1.9	1.3	.2	.0							5.8	4.8
VARBL													
CALM												32.1	
	28.1	25.7	12.4	1.6	.1	.0						100.0	3.1

TOTAL NUMBER OF OBSERVATIONS

7197

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 12306 STATION NAME COLUMBUS AFB MS YEARS 69-70, 73-80 MONTH OCT
CLASS ALL WEATHER
HOURS (L.S.T.) 0000-0200
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.9	3.7	2.3	.2								10.0	4.7
NNE	1.2	1.0	.3									2.5	3.8
NE	.3											.3	1.7
ENE	.8											.8	1.9
E	.9	.8			.1							1.7	3.9
ESE	1.7	2.6	.4	.1	.1							4.9	4.7
SE	2.2	2.0	1.3		.1							5.6	5.1
SSE	1.2	2.6	.4	.3								4.5	5.0
S	.9	1.0	.8									2.6	4.8
SSW	.1	.4										.5	4.4
SW	.1	.1										.2	3.5
WSW	.1	.3	.1									.5	5.8
W	.1	.2	.1									.4	4.5
WNW	.5	.6	.2									1.4	4.5
NW	.5	.9	.4	.3								2.2	6.2
NNW	2.6	1.6	1.7	.2								6.1	5.0
VARB													
CALM												55.7	
	17.0	17.7	8.1	1.2	.3							100.0	2.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATMOSPHERIC WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1203 6
STATION

COLUMBUS AFB MS
STATION NAME

69-70, 73-80
YEARS

OCT
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.9	4.2	1.9	.1								10.1	4.5
NNE	.9	.6	.1									1.6	3.5
NE	.1	.2										.3	4.7
ENE	.6		.1									.8	3.3
E	2.2	.5	.3									3.0	3.1
ESE	2.4	1.6	1.6	.1								5.7	4.8
SE	3.5	1.8	.8	.5								6.7	4.5
SSE	1.7	1.9	.6									4.2	4.2
S	.5	1.1	.5	.3								2.5	6.1
SSW	.1		.1									.2	4.5
SW		.1										.1	4.0
WSW	.3	.1										.4	2.8
W	.2	.4										.6	3.8
WNW	.8	1.3	.5	.1								2.7	5.2
NW	.8	.6	.6	.2								2.3	5.5
NNW	3.5	2.3	1.4	.5								7.7	4.9
VARBL													
CALM												51.1	
	21.5	16.8	8.7	1.9								100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

2036 COLUMBUS AFB MS 69-70.73-82 OCT
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
0600-0800
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.5	4.5	3.5	.4								12.0	5.4
NNE	1.7	.5	.6									2.9	3.8
NE	.4	.4	.1									1.0	3.8
ENE	.9	.2	.3									1.4	3.7
E	2.3	1.2	.3									3.8	3.1
ESE	1.9	2.2	1.6	.2								5.9	5.2
SE	2.6	3.2	2.2	.5	.2							8.7	5.7
SSE	1.0	1.2	1.3									3.4	5.5
S	1.7	1.3	1.4									4.4	4.9
SSW	.3	.6	.1									1.1	4.6
SW		.1										.1	6.0
WSW	.2	.3	.1			.1						.8	6.7
W	.3	.3	.2	.1								1.4	5.0
WNW	1.1	.9	.3	.2								2.5	4.8
NW	1.2	1.0	1.2	.3								3.7	5.6
NNW	1.9	1.6	1.9	.3								5.8	5.5
VARBL													
CALM												41.2	
	1.1	20.0	15.3	2.2	.2	.1						100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 233 6 STATION NAME COLUMBUS AFB MS YEARS 69-70, 73-80 MONTH OCT
CLASS ALL WEATHER HOURS (L.S.T.) 0900-1100
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.5	2.8	4.2	1.4								11.9	6.2
NNE	1.8	1.7	1.5	1.0								6.0	6.0
NE	1.4	1.2	.8	.5								3.9	5.8
ENE	.5	1.4	.5									2.5	5.0
E	1.3	1.8	.6	.1								3.9	4.9
ESE	1.4	1.7	2.7	.6								6.5	6.6
SE	1.8	2.2	3.4	1.4								8.8	6.9
SSE	1.6	3.2	3.4	1.8								10.1	7.0
S	2.0	3.8	1.9	.5								8.3	5.5
SSW	1.8	1.1	.4	.1								3.4	4.2
SW	1.1	.6	.3									2.0	4.0
WSW	1.6	.5	1.0									3.1	4.7
W	.9	1.2	.8	.2	.1							3.1	5.9
WNW	.8	1.0	1.2	.1								3.0	5.9
NW	1.3	.9	1.8	.4								4.4	6.3
NNW	1.6	2.5	3.4	.5	.1							8.2	6.6
VARBL													
CALM												10.9	
	24.5	27.5	28.1	8.8	.2							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1233 A COLUMBUS AFB MS

69-70, 73-80

OCT

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

1200-1400

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	4.4	4.7	1.9								14.3	6.8
NNE	2.0	.9	1.3	.3								4.4	5.3
NE	.4	.7	.5	.2								2.0	5.8
ENE	.9	1.2	.2	.1								2.4	4.3
E	1.2	1.3	.5	.2								3.2	5.0
ESE	1.0	1.5	2.6	.9		.1						6.0	7.4
SE	.8	2.5	2.4	.8								6.3	6.8
SSE	1.3	2.6	3.9	1.6	.2							9.6	7.6
S	2.8	2.4	3.3	.9								9.4	6.1
SSW	1.0	1.2	1.3	.1								3.5	5.7
SW	1.0	.4	.5	.1								2.0	4.9
WSW	1.4	1.1	.5	.5								3.5	5.4
W	1.8	2.3	2.2	.2								6.5	5.5
WNW	1.3	1.6	2.0	.5								5.5	6.2
NW	.6	1.8	2.4	1.0								5.8	7.4
NNW	2.0	2.8	4.1	.9								9.8	6.5
VARBL													
CALM												5.7	
	22.7	28.6	32.5	10.2	.2	.1						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7233 16 STATION COLUMBUS AFB MS STATION NAME 69-70, 73-80 YEARS OCT MONTH
1500-1700 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.9	5.1	4.3	1.4								14.6	6.0
NNE	1.4	1.3	.6	.1								3.4	4.7
NE	1.3	.8	.5	.5								3.1	5.6
ENE	1.0	1.2	.3									2.5	4.0
E	1.4	2.4	.1									3.9	3.9
ESE	1.3	2.3	1.8									5.4	5.6
SE	1.9	4.0	2.2	.3	.1							8.4	5.8
SSE	1.6	3.0	2.9	.9								8.4	6.4
S	2.5	2.2	1.5	.1								6.2	4.7
SSW	1.6	1.1	.1									2.8	3.5
SW	.3	.9	.1									1.3	4.3
WSW	1.2	1.0	.2									2.4	3.6
W	1.7	1.5	1.5	.2								4.9	5.4
WNW	1.2	1.4	1.5	1.1								5.2	6.9
NW	1.8	2.0	2.2	.3		.1						6.5	6.0
NNW	2.0	2.9	4.2	1.2	.1							10.4	6.8
VARBL													
CALM												10.6	
	26.0	32.9	24.1	6.1	.2	.1						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

1233.6 STATION COLUMBUS AFB MS 69-70.73-80 YEARS OCT MONTH 1800-2000 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	3.7	2.8	.5								8.9	5.7
NNE	1.1	.5	.4									2.0	4.2
NE	1.0	.3	.3	.1								1.7	4.3
ENE	1.0	.1										1.1	2.7
E	1.1	1.2										2.3	3.6
ESE	3.3	2.4	.6	.1								6.5	3.6
SE	3.3	4.2	.3									7.9	3.7
SSE	.8	1.8	.4	.1								3.1	5.0
S	1.7	.6										1.6	3.1
SSW	.3	.1										.4	2.5
SW	.1	.1										.2	4.0
WSW	.2	.3										.5	3.8
W	.9	.6	.1									1.6	3.3
WNW	1.1	.9	.4									2.4	4.2
NW	1.8	1.0	1.2	.6								4.6	5.9
NNW	2.3	1.7	1.8	1.0								6.8	6.1
VARBL													
CALM												48.3	
	21.7	18.9	8.5	2.5								100.0	2.4

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

125305 COLUMBUS AFB MS 69-70.73-80 OCT
STATION STATION NAME YEARS MONTH
2100-2300
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	3.4	2.5	.1								8.7	5.1
NNE	.6	.6	.8	.1								2.2	5.4
NE	.6	.2	.1		.1							1.1	5.0
ENE	.3	.2										.5	3.0
E	.8	.5	.2									1.5	3.4
ESE	2.9	2.4	1.1									6.3	4.2
SE	2.6	4.3	.8									7.6	4.3
SSE	1.1	1.7	1.1	.5								4.4	6.0
S	.6	1.1	.3	.1								2.2	5.0
SSW	.2	.3										.5	3.8
SW	.1											.1	1.0
WSW	.1	.1	.1									.3	5.0
W	.3	.5	.3	.1								1.3	5.8
WNW	.6	.3	.2									1.2	3.5
NW	.5	.6	1.0	.1								2.3	6.0
NNW	1.0	2.2	1.5	.3								4.9	6.1
VARBL													
CALM												54.8	
	15.2	18.6	9.9	1.8	.1							100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1233 6 COLUMBUS AFB MS 69-70.73-80 OCT

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

ALL

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.4	3.0	3.3	.8								11.3	5.7
NNE	1.3	.9	.7	.2								3.1	4.9
NE	.7	.5	.3	.2	.0							1.7	5.2
ENE	.7	.5	.2	.0								1.5	3.9
E	1.4	1.2	.3	.0	.0							2.9	3.9
ESE	2.0	2.1	1.6	.3	.0	.0						5.9	5.3
SE	2.3	3.0	1.7	.4	.1							7.5	5.4
SSE	1.3	2.2	1.8	.7	.0							6.0	6.2
S	1.5	1.7	1.2	.2								4.6	5.3
SSW	.7	.6	.3	.0								1.6	4.4
SW	.3	.3	.1	.0								.8	4.3
WSW	.6	.5	.3	.1		.0						1.5	4.8
W	.8	.9	.6	.1	.0							2.5	5.3
WNW	.9	1.0	.8	.3								3.0	5.6
NW	1.1	1.1	1.3	.4		.0						4.0	6.1
NNW	2.1	2.2	2.5	.6	.0							7.5	6.0
VARBL													
CALM												34.8	
	21.2	22.6	16.9	4.3	.2	.0						100.0	3.5

TOTAL NUMBER OF OBSERVATIONS

7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723306
STATION

COLUMBUS AFB MS
STATION NAME

69-70, 73-80
YEARS

NOV
MONTH

ALL WEATHER
CLASS

0000-C200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	2.9	1.1	1.0								6.9	5.8
NNE	.9	.7										1.6	3.1
NE	.2		.1									.3	3.7
ENE	.3		.1									.4	2.8
E	.6	.1	.1									.8	3.1
ESE	2.6	1.4	.6	.1								4.7	3.9
SE	3.3	2.0	1.2									6.6	4.0
SSE	1.3	1.3	2.2	.8								5.7	6.6
S	1.2	2.8	2.0	.8								6.8	6.4
SSW	.4	.4	.4									1.3	4.8
SW	.6		.1									.7	3.0
WSW	.2			.2								.4	7.5
W	.8	.4	.4	.3								2.0	6.0
WNW	.8	.8	1.0	.2		.1						2.9	6.7
NW	2.1	1.2	.4	.6	.3							4.7	6.0
NNW	1.1	1.2	1.3	.2	.2							4.1	6.5
VARBL													
CALM												50.2	
	18.3	15.3	11.2	8.2	.6	.1						100.0	2.7

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

723316
STATION

COLUMBUS AFB MS
STATION NAME

69-70, 73-80
YEARS

NOV
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.4	4.1	1.9	.4								9.9	4.9
NNE	.8	.7										1.4	3.2
NE	.4	.4										.9	3.4
ENE	.2	.1	.1									.4	4.3
E	.3	.6	.1	.1								1.1	5.0
ESE	2.8	1.7	.2	.2								4.9	3.9
SE	3.8	2.2	.8	.1								6.9	3.7
SSE	2.0	1.9	1.6	1.0								6.4	6.2
S	1.0	1.7	1.1	.6								4.3	6.3
SSW	.4	.3										.8	3.9
SW		.4										.4	5.0
WSW	.8			.1								.9	3.6
W	1.1	.9	.8	.1								2.9	5.0
WNW	1.6	.9	.8			.1						3.3	4.6
NW	1.3	1.6	.7	.3	.1							4.0	5.9
NNW	1.3	1.4	1.8	.8	.2							5.6	6.9
VARBL													
CALM												45.8	
	21.3	18.9	9.8	3.8	.3	.1						100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7233.6
STATION

COLUMBUS AFB MS
STATION NAME

69-70, 73-80
YEARS

NOV
MONTH
0600-0800
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.6	3.0	2.7	.6								10.8	5.0
NNE	1.6	.6	.3									2.4	3.8
NE	.6	.7										1.2	3.3
ENE	1.1			.1								1.2	2.8
E	.9	.2	.2									1.3	3.7
ESE	2.0	1.7	1.3	.1								5.1	4.7
SE	4.6	3.1	1.4	.2								9.3	4.0
SSE	1.6	1.3	2.3	.7								5.9	6.6
S	1.2	1.3	2.1	.4								5.1	6.3
SSW	.9	.1	.2	.1								1.3	4.4
SW	.3	.2	.1									.7	3.8
WSW	.6	.1	.2									.9	3.9
W	1.1	.6	.9	.1								2.7	5.3
WNW	1.0	1.6	.2									2.8	4.5
NW	1.2	1.0	1.0	.7								3.9	6.3
NNW	2.3	2.9	1.6	.8	.1							7.7	5.9
VARBL													
CALM												37.7	
	25.4	18.3	14.7	3.8	.1							100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT-WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1233 6 STATION COLUMBUS AFB MS 69-70,73-80 YEARS NOV MONTH
0900-1100 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	4.0	3.7	.7								9.6	6.3
NNE	1.4	2.0	2.0	.1								5.6	5.4
NE	.6	.6	.6	.1								1.8	5.3
ENE	.6	.7	.2									1.4	4.8
E	1.3	1.9	.6									3.8	4.5
ESE	1.3	.9	1.1	.4								3.8	6.1
SE	2.3	2.6	1.9	.6								7.3	5.7
SSE	2.3	2.0	2.6	1.9	.1							8.9	7.0
S	2.6	4.6	5.1	1.3								13.6	6.4
SSW	1.3	1.6	1.3	.1								4.3	5.4
SW	.8	1.1	.4									2.3	4.5
WSW	.7	.2	.4	.1								1.4	5.5
W	1.4	1.0	1.8	.3								4.6	5.9
WNW	1.2	2.1	1.7	.6								5.6	6.2
NW	.6	.9	1.7	.9	.1	.1						4.2	8.6
NNW	1.7	2.6	3.0	2.2	.2	.1						9.8	7.9
VARBL													
CALM												12.1	
	21.3	28.6	28.0	9.3	.4	.2						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12036 STATION COLUMBUS AFB MS STATION NAME 69-70,73-80 YEARS NOV MONTH
1200-1400 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	3.3	3.9	1.0	.1							11.1	6.4
NNE	1.8	1.6	.7									4.0	4.1
NE	1.7	.8	.2									2.7	3.3
ENE	1.1	.9	.1									2.1	3.6
E	1.4	.6	.2									2.2	3.4
ESE	.9	1.4	.7	.3								3.3	5.8
SE	1.4	1.8	1.9	.8								5.9	6.4
SSE	1.4	3.1	4.4	1.7	.1							10.8	7.3
S	2.2	3.2	4.6	1.1								11.1	6.7
SSW	1.1	2.0	1.2	.3								4.7	5.7
SW	.3	1.3	.3	.6								2.6	6.6
WSW	.2	1.0	.7	.1								2.0	6.7
W	1.4	2.0	1.9	.6	.1							6.0	6.3
WNW	1.6	2.2	2.4	.7								6.9	6.5
NW	.9	1.7	2.3	2.4	.6							7.9	9.0
NNW	1.4	2.2	3.4	2.2	.3							9.7	8.1
VARBL													
CALM												7.1	
	21.3	29.6	29.0	11.8	1.2							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFI WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

7233.6
STATION

COLUMBUS AFB MS
STATION NAME

69-70, 73-80
YEARS

NOV
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.2	3.2	2.9	1.1	.1							11.6	5.6
NNE	1.6	1.2	.7									3.4	4.2
NE	1.0	.6	.2									1.8	3.7
ENE	1.3	.7										2.0	2.9
E	1.2	1.0	.4									2.7	4.0
ESE	1.0	1.1	1.2	.2								3.6	5.7
SE	1.1	2.7	2.3	.2								6.3	5.8
SSE	1.9	3.3	2.3	1.4								9.0	6.5
S	3.1	3.6	2.0	.3								9.0	4.9
SSW	.6	1.2	.3		.1							2.2	5.4
SW	.9	.3	.4	.1								1.8	5.0
WSW	1.0	1.1	.7	.2	.1							3.1	5.7
W	1.3	.9	1.0	.3	.1							3.7	6.0
WNW	1.1	2.6	2.3	.4	.1							6.6	6.6
NW	1.3	1.9	3.3	1.1	.1							7.8	7.2
NNW	2.4	3.7	2.7	1.8	.1							10.7	6.7
VARBL													
CALM												14.9	
	25.1	29.0	22.9	7.3	.8							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7273-6
STATION

COLUMBUS AFB MS

STATION NAME

69-70, 73-80

YEARS

NOV

MONTH

ALL WEATHER

CLASS

1800-2000

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.1	3.1	2.1	.6								8.8	5.2
NNE	1.1	1.1	.3	.2								2.8	4.7
NE	.7	.2										.9	2.6
ENE	.2	.3										.6	3.8
E	1.1	.7	.1									1.9	3.1
ESE	3.7	1.6	.3	.2								5.8	3.5
SE	4.1	6.0	1.4	.4								12.0	4.5
SSE	1.0	2.1	.9	.3								4.3	5.5
S	.6	1.9	.6	.4	.1							3.6	6.6
SSW	.8	.2	.2									1.2	3.5
SW	.4	.3	.2									1.0	4.2
WSW		.4	.4									.9	6.6
W	.9	1.0	.3	.1								2.3	4.9
WNW	1.1	.9	.4	.7	.2							3.3	6.7
NW	2.4	1.3	1.3	.2								5.3	4.6
NNW	1.4	1.9	1.9	.8	.1							6.1	6.3
VARBL													
CALM												39.2	
	22.7	23.0	10.7	4.0	.8							100.0	3.0

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

123316 STATION COLUMBUS AFB MS 60-70.73-80 NOV
STATION NAME YEARS NORTH
ALL WEATHER CLASS 2100-2300
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	2.2	2.0	.7								8.1	5.4
NNE	.8	1.3	.4									2.6	4.4
NE	1.1	.2	.1									1.4	2.8
ENE	.2	.1										.3	3.3
E	1.0	.6										1.6	2.9
ESE	2.3	1.2	.3	.3								4.2	4.0
SE	3.1	4.3	.7	.1								8.2	4.0
SSE	.4	2.2	1.6	1.0								5.2	7.7
S	.8	2.3	1.8	.7								5.6	6.6
SSW	.7	.2	.3									1.2	4.4
SW	.4	.3										.8	2.7
WSW	.2	.3	.2	.2								1.0	7.6
W	.9	.6	.6	.3								2.3	5.7
WNW	1.3	1.2	.7	.3	.1							3.7	5.7
NW	1.4	.9	.6	.4	.1							3.4	6.0
NNW	1.8	.8	1.1	1.0								4.7	6.2
VARBL													
CALM												45.7	
	19.8	18.9	10.3	5.1	.2							100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

2334
STATION

COLUMBUS AFB MS

STATION NAME

69-70, 73-80

YEARS

NOV
MONTH

ALL WEATHER

CLASS

ALL
HOURS (L & T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.0	3.3	2.5	.7	.0							9.6	5.6
NNE	1.2	1.1	.6	.0								3.0	4.4
NE	.8	.4	.2	.0								1.4	3.6
ENE	.6	.3	.1	.0								1.1	3.5
E	1.0	.7	.2	.0								1.9	3.8
ESE	2.1	1.4	.7	.2								4.4	4.6
SE	3.0	3.1	1.5	.3								7.8	4.7
SSE	1.5	2.2	2.2	1.1	.0							7.0	6.8
S	1.6	2.7	2.4	.7	.0							7.4	6.2
SSW	.8	.8	.5	.1	.0							2.1	5.1
SW	.5	.5	.2	.1								1.3	4.8
WSW	.5	.4	.3	.1	.0							1.3	5.9
W	1.1	.9	1.0	.3	.0							3.3	5.7
WNW	1.2	1.5	1.2	.4	.1	.0						4.4	6.1
NW	1.4	1.3	1.4	.8	.2	.0						5.2	6.9
NNW	1.7	2.1	2.1	1.2	.2	.0						7.3	7.0
VARBL													
CALM												31.6	
	21.9	22.7	17.1	6.2	.5	.1						100.0	3.9

TOTAL NUMBER OF OBSERVATIONS

7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

20300
STATION

COLUMBUS AFB MS
STATION NAME

69-70,73-80
YEARS

DEC
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	3.8	1.7	1.2								8.7	6.1
NNE	.9	.5	.2									1.6	3.8
NE	.5	.1	.1									.8	2.9
ENE	.3											.3	1.3
E	.8	.4	.2									1.4	3.8
ESE	2.5	1.3	.5	.2								4.5	4.2
SE	2.3	2.9	2.4	1.4								8.9	6.4
SSE	1.2	1.9	2.6	.8	.1							6.6	7.1
S	1.9	3.3	2.7	1.1								9.0	6.3
SSW	.9	.5	.3									1.7	4.3
SW	.4	.3	.3	.1								1.2	5.8
WSW	.3	.2	.4	.1								1.1	6.1
W	1.0	1.1	1.1	.2	.1							3.4	6.3
WNW	1.2	1.2	1.3	.4								4.1	6.5
NW	1.7	.6	1.1	.6	.2							4.3	6.3
NNW	1.2	2.0	1.7	1.5	.5							7.0	8.4
VARBL													
CALM												35.4	
	19.0	20.3	16.7	7.6	1.0							100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7223.6 STATION COLUMBUS AFB MS 69-70,73-80 YEARS DEC MONTH

ALL WEATHER

0300-0500

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	3.4	2.8	.6	.1							9.1	6.0
NNE	.8	.5	.3									1.6	4.4
NE	.4	.1										.5	2.6
ENE	.3	.5		.1								1.0	5.1
E	.6	.6	.3									1.6	4.2
ESE	3.1	2.0	.8	.2	.1							6.2	4.2
SE	2.7	1.9	2.3	.8	.1							7.7	5.7
SSE	.9	1.1	1.6	.5	.1							4.2	7.0
S	1.5	4.2	2.2	.6								8.5	5.7
SSW	.6	.8	.9									2.3	5.4
SW	.4	.3	.2	.2	.2							1.4	7.9
WSW	.3	.3	.2									.9	5.1
W	.4	1.0	1.3	.1								2.8	6.5
WNW	1.5	.8	.8	.3								3.3	5.1
NW	1.2	1.0	1.6	1.1	.1							4.9	7.4
NNW	1.5	2.2	1.7	1.5	.2							7.1	7.4
VARBL													
CALM												36.8	
	19.5	20.8	16.9	6.1	1.0							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATMOSPHERIC WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1233.6 COLUMBUS AFB MS 69-70.73-80 DEC
STATION NAME YEARS MONTH
ALL WEATHER
CLASS
0600-0800
MOVES (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	4.6	2.4	.6	.1							9.1	6.0
NNE	.8	.8	.2	.1								1.8	4.2
NE	.4											.4	2.0
ENE	.2	.3	.1									.6	4.5
E	.9	.6	.9									2.4	5.0
ESE	3.0	2.3	1.7	.5								7.5	5.3
SE	3.3	3.0	1.3	1.0	.2							8.8	5.7
SSE	1.3	2.3	1.7	.8								6.0	6.3
S	1.2	2.7	2.2	.2								6.2	5.7
SSW	.2	.8	.4	.1								1.5	5.8
SW	.2	.4	.1									.8	4.6
WSW	.2	.5	.6	.3								1.7	7.3
W	1.2	1.5	1.4	.1	.1							4.3	6.0
WNW	.6	1.0	.8	.1								2.5	5.4
NW	1.5	1.8	1.6	1.0								5.9	6.7
NNW	.8	2.6	2.6	.9								6.8	7.0
VARBL													
CALM												33.5	
	17.2	25.2	18.0	5.7	.4							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1236 COLUMBUS AFB MS 69-70,73-80 DEC
STATION STATION NAME YEARS NORTH
ALL WEATHER
CLASS
CONDITION
0900-1100
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	3.0	4.5	.9								10.2	6.5
NNE	1.5	1.7	.6	.1								4.0	4.4
NE	.4	.3	.5									1.7	5.4
ENE	.5	.3										.9	2.9
E	1.2	1.8	.8									3.8	4.4
ESE	1.5	1.3	1.4	.4								4.6	5.8
SE	1.8	2.5	3.7	.9								8.8	6.7
SSE	1.4	3.9	4.0	1.1								10.3	6.7
S	1.7	4.4	4.5	1.1								11.7	6.6
SSW	1.5	1.2	1.2	.1								4.0	5.0
SW	.6	1.2	.6	.3								2.8	5.6
WSW	.9	.9	.5	.2								2.5	5.4
W	.9	.9	1.6	1.1								4.4	7.7
WNW	1.1	1.3	1.6	.9								4.8	6.8
NW	.5	1.0	2.6	1.5	.1							5.7	8.7
NNW	.8	2.2	3.9	1.9								8.7	7.9
VARBL													
CALM												11.1	
	19.2	28.2	32.0	10.4	.1							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2233.6 STATION COLUMBUS AFB MS 69-70.73-80 YEARS DEC MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	3.5	3.0	.9								8.8	6.7
NNE	.5	1.2	.5	.2								2.5	5.3
NE	.4	.3										.8	3.6
ENE	.6	.6	.1									1.4	3.5
E	1.1	.6	.3	.1								2.2	4.5
ESE	.6	.8	.8	.2								2.4	6.5
SE	.9	1.9	2.7	1.0	.1							6.6	7.4
SSE	1.3	1.7	4.3	1.8								9.1	7.8
S	2.4	4.2	4.9	2.2	.2							13.9	7.2
SSW	1.0	1.4	3.2	.4								6.0	7.0
SW	.9	.8	1.5	.2	.1							3.4	7.0
WSW	1.1	1.3	.6	.4								3.4	5.7
W	.9	1.8	3.0	1.3	.1							7.1	7.9
WNW	1.4	2.2	2.7	1.3								7.5	7.1
NW	1.4	2.7	2.8	2.3		.1						9.2	7.8
NNW	.9	3.0	3.8	2.5								10.1	7.9
VARBL													
CALM												5.6	
	16.7	28.1	34.3	14.7	.5	.1						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1233.6
STATION

COLUMBUS AFB MS
STATION NAME

69-70, 73-80
YEARS

DEC
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	2.7	2.8	.8		.1						8.2	6.4
NNE	.5	1.2										1.7	3.9
NE	.6	.4	.1									1.2	3.5
ENE	.2	.3	.1									.6	3.7
E	.5	.8	.2									1.5	4.2
ESE	.6	1.1	.9	.2		.1						2.9	6.9
SE	1.4	2.6	2.2	.9								7.0	6.3
SSE	2.3	3.2	4.7	1.3								11.5	6.7
S	2.7	3.7	3.2	1.1								10.6	6.0
SSW	1.2	1.5	1.3	.5	.1							4.6	6.5
SW	.6	.4	.3	.2								1.6	5.5
WSW	.6	.9	.5	.1								2.2	5.4
W	1.4	1.6	2.5	.4	.1							6.0	6.5
WNW	1.2	1.8	2.4	1.4	.1							6.9	7.4
NW	1.9	2.9	3.1	1.3	.1							9.4	6.8
NNW	1.5	3.7	4.8	2.2								12.2	7.4
VARBL													
CALM												11.9	
	19.2	28.7	29.1	10.3	.4	.2						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1233.6 STATION COLUMBUS AFB MS 69-70.73-80 YEARS DEC MONTH

ALL WEATHER

CLASS

1800-2000 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	2.6	1.6	.9								7.1	5.7
NNE	.6	.8	.1	.1								1.6	4.5
NE	.4	.3	.1									.9	3.6
ENE	.8	.3										1.1	2.7
E	.6	.8										1.4	3.1
ESE	3.7	2.4	.5	.4								7.0	4.2
SE	1.8	5.8	2.0	1.1	.1							10.9	6.0
SSE	1.2	2.0	1.4	1.2	.1							5.9	7.1
S	1.7	2.0	1.7	.8								6.3	5.9
SSW	.2	.6	.2									1.1	5.2
SW	.2	.2		.2								.6	6.3
WSW	.6	.2	.2									1.1	3.8
W	.6	1.2	.8	.4								3.0	6.0
WNW	2.0	1.2	2.3	.1								5.6	5.3
NW	1.8	2.0	1.4	1.2								6.5	6.2
NNW	1.6	2.6	2.3	1.7	.2							8.4	7.4
VARBL													
CALM												31.5	
	20.2	25.1	14.7	8.1	.4							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 2336 STATION NAME COLUMBUS AFB MS YEARS 69-70, 73-80 MONTH DEC
CLASS ALL WEATHER HOURS (L.S.T.) 2100-2300

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	2.8	3.7	1.1								9.8	6.4
NNE	.5	.1	.4									1.1	4.8
NE	.2	.1										.3	2.3
ENE	.4	.4										.9	3.3
E	1.1	.5	.1									1.7	3.2
ESE	2.0	2.2	1.4	.1	.1							5.8	5.2
SE	3.8	3.6	2.0	.9	.2							10.5	5.5
SSE	1.5	2.2	1.8	1.3								6.8	6.7
S	1.6	2.2	3.5	.5	.2							8.0	7.0
SSW	.6	.5	.3									1.5	4.4
SW	.8	.3		.3								1.4	5.5
WSW	.6	.3	.1	.1								1.2	4.5
W	.9	1.1	1.0	.2								3.1	5.7
WNW	1.9	1.5	.8	.1								4.3	4.7
NW	.9	.6	1.3	.6	.1							3.6	7.7
NNW	1.5	1.6	2.0	1.8	.1							7.1	7.7
VARBL													
CALM												32.9	
	20.7	20.1	18.4	7.1	.8							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

721306 STATION COLUMBUS AFB MS 69-70,73-80 YEARS DEC NORTH

ALL WEATHER

CLAS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	3.3	2.8	.9	.0	.0						8.9	6.2
NNE	.8	.9	.3	.1								2.0	4.4
NE	.4	.3	.1									.8	3.7
ENE	.4	.4	.0	.0								.8	3.5
E	.8	.8	.3	.0								2.0	4.2
ESE	2.1	1.7	1.0	.3	.0	.0						5.1	5.0
SE	2.2	3.0	2.3	1.0	.1							8.6	6.2
SSE	1.4	2.3	2.8	1.1	.0							7.6	6.9
S	1.8	3.3	3.1	.9	.1							9.3	6.4
SSW	.8	.9	1.0	.1	.0							2.8	5.8
SW	.5	.5	.4	.2	.0							1.7	6.2
WSW	.6	.6	.4	.2								1.7	5.5
W	.9	1.3	1.6	.5	.1							4.3	6.7
WNW	1.4	1.4	1.6	.6	.0							4.9	6.3
NW	1.4	1.6	1.9	1.2	.1	.0						6.2	7.2
NNW	1.2	2.5	2.9	1.7	.1							8.4	7.6
VARBL													
CALM												24.8	
	18.7	24.5	22.5	8.8	.6	.0						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 7434

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ASST. WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7233.6
STATION

COLUMBUS AFB MS
STATION NAME

69-70, 73-81
YEARS

ALL
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	2.9	3.2	2.3	.6	.0	.0						9.0	5.5
NNE	1.3	1.1	.5	.1	.0	.0						3.0	4.4
NE	.8	.6	.2	.0	.0							1.7	4.1
ENE	.9	.6	.2	.0	.0							1.8	4.0
E	1.6	1.2	.4	.1	.0							3.3	4.2
ESE	2.2	1.7	.9	.2	.0	.0						5.1	4.7
SE	2.5	2.7	1.4	.5	.1	.0	.0					7.2	5.2
SSE	1.8	2.2	1.9	.7	.1	.0	.0					6.7	6.1
S	2.5	2.9	2.3	.7	.1	.0	.0					8.4	5.8
SSW	1.3	1.2	.6	.1	.0	.0						3.2	4.8
SW	.8	.8	.4	.1	.0							2.0	4.8
WSW	.9	.8	.5	.2	.0	.0						2.4	5.2
W	1.2	1.2	.9	.4	.1							3.8	5.8
WNW	1.1	1.2	1.0	.5	.1	.0	.0					3.9	6.3
NW	1.1	1.3	1.2	.6	.1	.0						4.3	6.6
NNW	1.5	1.9	1.8	.9	.1	.0						6.2	6.6
VARBL													
CALM												28.0	
	24.4	24.5	16.6	5.8	.6	.1	.0					100.0	4.0

TOTAL NUMBER OF OBSERVATIONS

87566

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7233.6 STATION COLUMBUS AFB MS 69-70.73-81 YEARS ALL MONTHS

INSTRUMENT
CLASS

ALL
HOURS (L.S.T.)

CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE,
CONDITION

AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.9	3.8	3.2	1.1	.1							11.0	6.0
NNE	1.2	1.2	.5	.1	.0	.0						3.0	4.7
NE	.9	.6	.3	.1	.0							1.9	4.2
ENE	.9	.7	.3	.1	.0							2.1	4.8
E	1.6	1.7	.8	.3	.0							4.4	5.1
ESE	1.7	1.6	1.5	.6	.1	.0						5.5	6.1
SE	2.1	2.7	2.0	.9	.1	.0						7.9	6.3
SSE	1.7	2.8	2.7	1.1	.2	.0						8.5	6.8
S	2.0	3.5	2.6	.6	.1							8.7	5.9
SSW	1.0	.9	.4	.1	.0							2.4	4.5
SW	.5	.5	.2	.1	.0							1.3	5.2
WSW	.5	.5	.4	.1	.0	.0						1.5	6.0
W	.8	1.0	.8	.6	.1							3.4	7.1
WNW	.8	1.1	1.4	.7	.1	.0						4.2	7.4
NW	1.0	1.4	2.0	.9	.1	.0						5.4	7.4
NNW	1.7	2.6	3.8	1.7	.2							10.0	7.5
VARBL													
CALM												18.8	
	21.2	26.7	22.9	9.3	1.1	.1						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 9773

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	$\geq 2\frac{1}{2}$	≥ 2	$\geq 1\frac{1}{2}$	$\geq 1\frac{1}{4}$	≥ 1	$\geq \frac{3}{4}$	$\geq \frac{1}{2}$	$\geq \frac{5}{16}$	$\geq \frac{1}{4}$	≥ 0
NO CEILING															
1800															
1500					91.0										92.6
1200															
1000															
900															
800															
700															
600															
500									97.4						98.1
400															
300															
200															
100															
0					95.4		96.9			98.3					100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%. Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility > 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

2
GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

020305

COLUMBUS AFB MS

70,73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

HOURS (L.G.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	25.5	43.6	44.1	44.8	45.3	45.6	45.9	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.3
≥ 20000	26.8	46.5	47.0	47.7	48.2	48.7	48.9	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.3
IV 18000	27.2	46.9	47.5	48.1	48.7	49.1	49.3	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.7
IV 16000	27.8	47.5	48.0	48.7	49.2	49.6	49.8	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.3
IV 14000	28.2	47.9	48.4	49.1	49.6	50.1	50.3	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.7
IV 12000	28.4	49.0	49.5	50.2	50.7	51.1	51.3	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.8
IV 10000	29.6	51.0	51.6	52.2	52.9	53.3	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.9
IV 9000	29.9	51.6	52.3	53.0	53.6	54.0	54.3	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.7
IV 8000	30.7	52.5	53.4	54.1	54.8	55.2	55.4	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.9
IV 7000	31.4	53.9	54.8	55.5	56.2	56.6	56.8	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.3
IV 6000	32.4	55.9	56.7	57.5	58.1	58.7	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.3
IV 5000	33.0	58.2	59.1	59.8	60.5	61.0	61.2	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.7
IV 4500	34.1	60.3	61.2	62.0	62.6	63.2	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.8
IV 4000	34.6	61.4	62.6	63.4	64.0	64.6	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.2
IV 3500	35.2	63.5	64.8	65.6	66.2	66.7	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.4
IV 3000	36.2	65.9	67.2	68.1	68.8	69.3	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	70.0
IV 2500	36.8	68.7	70.7	71.8	72.4	73.0	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.6
IV 2000	37.4	71.4	73.6	75.1	75.8	76.3	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	77.0
IV 1800	37.5	72.2	74.5	76.0	76.6	77.2	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.8
IV 1500	38.1	75.2	77.8	79.4	80.3	80.8	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.5
IV 1200	38.5	77.4	80.1	82.0	83.0	83.6	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.3
IV 1000	38.8	78.4	81.1	83.1	84.2	84.9	85.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.6
IV 900	38.8	79.2	82.0	84.1	85.1	85.9	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.5
IV 800	38.8	79.5	82.9	85.3	86.4	87.2	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.9
IV 700	38.8	79.7	83.4	86.1	87.3	88.1	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.8
IV 600	38.8	80.5	84.4	87.6	89.0	90.0	90.3	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	91.0
IV 500	38.9	80.7	85.0	88.4	90.2	91.4	91.9	92.2	92.2	92.5	92.6	92.6	92.6	92.6	92.6	92.8
IV 400	38.9	81.1	85.5	88.8	91.0	92.5	93.1	93.9	94.3	94.5	94.7	94.7	94.8	94.8	94.8	95.0
IV 300	38.9	81.1	85.6	89.0	91.7	93.5	94.6	95.5	96.1	96.4	96.8	96.8	97.0	97.1	97.1	97.4
IV 200	38.9	81.1	85.6	89.0	91.7	93.6	94.7	95.8	96.7	97.3	98.3	98.3	98.7	99.0	99.1	99.6
IV 100	38.9	81.1	85.6	89.0	91.7	93.6	94.7	95.8	96.7	97.4	98.4	98.4	98.8	99.1	99.2	99.9
IV 0	38.9	81.1	85.6	89.0	91.7	93.6	94.7	95.8	96.7	97.4	98.4	98.4	98.8	99.1	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS

929

USAF ETAC

FORM
JUL 64

0-14-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72306

COLUMBUS AFB MS

70,73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	18.5	39.5	41.7	41.4	42.7	42.8	43.0	43.1	43.1	43.1	43.3	43.3	43.4	43.4	43.5	43.7
≥20000	20.5	43.1	44.6	45.1	46.3	46.5	46.7	46.8	46.8	46.8	47.0	47.0	47.1	47.1	47.2	47.3
≥18000	20.5	43.2	44.8	45.3	46.6	46.7	46.9	47.0	47.0	47.0	47.2	47.2	47.3	47.3	47.4	47.5
≥16000	20.6	43.5	45.2	45.6	46.9	47.0	47.2	47.3	47.3	47.3	47.5	47.5	47.6	47.6	47.7	47.8
≥14000	21.7	44.9	46.6	47.0	48.3	48.4	48.6	48.7	48.7	48.7	48.9	48.9	49.0	49.0	49.1	49.2
≥12000	21.9	45.5	47.1	47.5	48.8	48.9	49.1	49.2	49.2	49.2	49.5	49.5	49.6	49.6	49.7	49.8
≥10000	23.1	47.7	49.4	49.8	51.1	51.2	51.4	51.5	51.5	51.5	51.7	51.7	51.8	51.8	51.9	52.0
≥9000	23.2	48.1	49.7	50.1	51.4	51.5	51.7	51.8	51.8	51.8	52.0	52.0	52.2	52.2	52.3	52.4
≥8000	23.3	48.7	50.5	51.0	52.3	52.4	52.6	52.7	52.7	52.7	52.9	52.9	53.0	53.0	53.1	53.2
≥7000	23.5	49.5	51.3	51.7	53.0	53.1	53.3	53.4	53.4	53.4	53.7	53.7	53.8	53.8	53.9	54.0
≥6000	24.1	51.0	52.9	53.3	54.6	54.7	54.9	55.1	55.1	55.1	55.3	55.3	55.4	55.4	55.5	55.6
≥5000	25.2	53.1	55.2	55.6	56.9	57.0	57.2	57.3	57.3	57.3	57.5	57.5	57.6	57.6	57.7	57.8
≥4500	26.2	55.5	57.5	58.0	59.2	59.4	59.6	59.7	59.7	59.7	59.9	59.9	60.0	60.0	60.1	60.2
≥4000	26.3	56.7	58.8	59.2	60.5	60.6	60.9	61.0	61.0	61.0	61.2	61.2	61.3	61.3	61.4	61.5
≥3500	26.7	57.7	59.9	60.3	61.6	61.7	61.9	62.0	62.0	62.0	62.3	62.3	62.4	62.4	62.5	62.6
≥3000	27.1	59.1	61.4	61.9	63.3	63.4	63.7	63.8	63.8	63.8	64.0	64.0	64.1	64.1	64.2	64.3
≥2500	28.3	61.4	64.2	64.7	66.6	66.7	66.9	67.0	67.0	67.0	67.2	67.2	67.3	67.3	67.4	67.5
≥2000	28.7	63.4	66.5	67.4	69.6	69.7	69.9	70.0	70.0	70.0	70.2	70.2	70.3	70.3	70.4	70.5
≥1800	29.4	65.2	68.2	69.4	71.5	71.6	71.8	71.9	71.9	71.9	72.2	72.2	72.3	72.3	72.4	72.5
≥1500	29.9	68.4	71.7	73.0	75.5	75.6	75.9	76.0	76.0	76.0	76.2	76.2	76.3	76.3	76.5	76.6
≥1200	30.4	70.0	73.5	74.9	77.4	77.5	77.8	78.0	78.0	78.0	78.2	78.2	78.3	78.3	78.4	78.5
≥1000	30.6	71.4	75.3	77.4	79.9	80.1	80.5	80.6	80.6	80.6	80.9	80.9	81.0	81.0	81.1	81.2
≥900	30.6	72.7	76.7	79.0	81.7	81.9	82.4	82.5	82.5	82.5	82.7	82.7	82.8	82.8	82.9	83.0
≥800	30.6	73.2	77.3	80.2	83.0	83.7	84.2	84.4	84.4	84.4	84.6	84.6	84.7	84.7	84.8	84.9
≥700	30.6	73.5	77.8	81.3	84.7	85.7	86.2	86.4	86.6	86.7	86.9	86.9	87.0	87.0	87.1	87.2
≥600	30.6	74.0	78.8	83.0	87.0	88.5	89.0	89.4	89.5	89.6	89.8	89.8	89.9	89.9	90.0	90.1
≥500	31.0	74.7	80.2	84.7	89.1	91.1	91.6	92.0	92.3	92.4	92.6	92.6	92.7	92.7	92.8	93.0
≥400	31.0	74.9	80.5	85.2	90.1	92.3	93.0	93.7	94.3	94.5	94.7	94.7	94.8	94.8	94.9	95.2
≥300	31.0	75.2	80.9	85.8	90.9	93.3	94.4	95.3	96.1	96.3	96.6	96.6	96.7	96.7	96.8	97.3
≥200	31.0	75.2	80.9	85.8	91.0	93.5	94.6	95.5	96.5	96.8	97.5	97.5	98.0	98.5	98.6	99.6
≥100	31.0	75.2	80.9	85.8	91.0	93.5	94.6	95.5	96.5	96.8	97.5	97.5	98.1	98.6	98.7	99.9
≥0	31.0	75.2	80.9	85.8	91.0	93.5	94.6	95.5	96.5	96.8	97.5	97.5	98.1	98.6	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC FORM 0-14-5 (CL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7233.06

COLUMBUS AFB MS

70,73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	17.3	34.7	37.0	37.7	38.1	38.2	38.5	38.8	39.0	39.6	39.6	39.6	39.6	39.8	39.8	39.9
≥ 20000	18.4	37.2	40.1	40.9	41.3	41.4	41.7	42.0	42.3	42.8	42.8	42.8	42.8	43.0	43.0	43.2
≥ 18000	18.4	37.2	40.2	41.0	41.5	41.6	41.9	42.3	42.5	43.0	43.0	43.0	43.0	43.2	43.2	43.4
≥ 16000	18.8	37.6	40.6	41.4	41.9	42.0	42.4	42.7	42.9	43.4	43.4	43.4	43.4	43.7	43.7	43.9
≥ 14000	19.4	38.3	41.3	42.0	42.6	42.7	43.0	43.3	43.5	44.1	44.1	44.1	44.1	44.3	44.3	44.5
≥ 12000	20.1	39.7	42.8	43.5	44.1	44.2	44.5	44.8	45.1	45.6	45.6	45.6	45.6	45.8	45.8	46.0
≥ 10000	21.7	42.5	45.6	46.3	46.9	47.0	47.3	47.6	47.8	48.4	48.4	48.4	48.4	48.6	48.7	48.9
≥ 9000	22.3	43.4	46.7	47.5	48.1	48.2	48.5	48.8	49.0	49.6	49.6	49.6	49.6	49.8	49.9	50.1
≥ 8000	22.9	45.3	48.6	49.5	50.0	50.1	50.4	50.8	51.0	51.5	51.5	51.5	51.5	51.7	51.8	52.0
≥ 7000	23.0	46.1	49.5	50.3	50.9	51.1	51.4	51.7	51.9	52.5	52.5	52.5	52.5	52.7	52.8	53.0
≥ 6000	23.4	47.3	51.0	51.9	52.5	52.7	53.0	53.3	53.5	54.1	54.1	54.1	54.1	54.3	54.4	54.6
≥ 5000	24.0	48.2	51.9	52.9	53.4	53.7	54.0	54.3	54.5	55.1	55.1	55.1	55.1	55.3	55.4	55.6
≥ 4500	24.9	50.0	53.8	54.7	55.4	55.6	55.9	56.2	56.5	57.0	57.0	57.0	57.0	57.2	57.3	57.5
≥ 4000	24.8	50.2	54.0	54.9	55.6	55.9	56.3	56.7	56.9	57.4	57.4	57.4	57.4	57.6	57.7	58.0
≥ 3500	25.3	51.5	55.3	56.2	56.9	57.2	57.6	58.0	58.2	58.7	58.7	58.7	58.7	58.9	59.0	59.2
≥ 3000	25.7	53.0	56.9	57.8	58.8	59.1	59.6	59.9	60.1	60.6	60.6	60.6	60.6	60.9	61.0	61.2
≥ 2500	26.7	56.0	60.0	61.1	62.0	62.4	62.8	63.1	63.3	63.9	63.9	63.9	63.9	64.1	64.2	64.4
≥ 2000	27.5	58.7	63.2	64.5	65.8	66.2	66.7	67.2	67.4	68.0	68.0	68.0	68.0	68.2	68.3	68.5
≥ 1800	27.8	59.6	64.2	65.6	67.0	67.5	68.0	68.5	68.7	69.2	69.2	69.2	69.2	69.5	69.6	69.8
≥ 1500	28.2	63.1	68.2	69.9	71.4	72.2	72.7	73.2	73.4	74.0	74.0	74.0	74.0	74.2	74.3	74.5
≥ 1200	28.4	64.3	69.9	71.6	73.4	74.2	74.7	75.3	75.5	76.0	76.0	76.0	76.0	76.2	76.3	76.6
≥ 1000	28.6	64.9	70.9	73.1	75.4	76.1	76.8	77.4	77.6	78.2	78.2	78.2	78.2	78.4	78.5	78.7
≥ 900	28.7	65.9	71.9	74.3	76.6	77.3	78.0	78.7	78.9	79.5	79.5	79.5	79.5	79.7	79.8	80.0
≥ 800	28.8	67.0	73.2	76.1	78.7	79.6	80.4	81.2	81.5	82.0	82.0	82.0	82.0	82.3	82.4	82.6
≥ 700	28.8	68.0	74.5	77.7	80.8	82.2	83.1	83.9	84.2	84.7	84.7	84.7	84.7	84.9	85.1	85.3
≥ 600	28.8	68.1	75.3	79.1	82.9	84.6	86.1	87.1	87.6	88.2	88.2	88.2	88.2	88.4	88.5	88.7
≥ 500	28.8	68.5	76.1	80.2	84.3	86.6	88.6	89.7	90.4	91.2	91.2	91.2	91.2	91.8	91.9	92.2
≥ 400	28.8	68.7	76.5	80.8	85.4	87.7	90.0	91.4	92.4	93.1	93.2	93.2	93.2	94.0	94.2	94.4
≥ 300	28.8	68.8	76.6	81.3	86.1	88.5	91.1	92.8	94.0	94.8	95.5	95.5	95.7	96.5	97.0	97.5
≥ 200	28.8	68.8	76.6	81.3	86.1	88.6	91.2	92.9	94.1	95.4	96.3	96.5	97.0	98.0	98.6	99.5
≥ 100	28.8	68.8	76.6	81.3	86.1	88.6	91.2	92.9	94.1	95.4	96.3	96.5	97.2	98.3	98.9	100.0
≥ 0	28.8	68.8	76.6	81.3	86.1	88.6	91.2	92.9	94.1	95.4	96.3	96.5	97.2	98.3	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723306

COLUMBUS AFB MS

70,73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

6900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥3/16	≥¼	≥0
NO CEILING	26.3	36.0	36.5	36.7	36.9	37.1	37.1	37.2	37.2	37.2	37.2	37.2	37.2	37.3	37.3	37.3
≥ 20000	29.7	41.6	42.2	42.4	42.6	42.8	42.8	42.9	42.9	42.9	42.9	42.9	42.9	43.0	43.0	43.0
IV 18000	30.1	42.4	42.9	43.1	43.4	43.6	43.6	43.7	43.7	43.7	43.7	43.7	43.7	43.8	43.8	43.8
IV 16000	30.4	42.7	43.3	43.5	43.7	43.9	43.9	44.0	44.0	44.0	44.0	44.0	44.0	44.1	44.1	44.1
IV 14000	31.3	43.8	44.3	44.6	44.8	45.0	45.0	45.1	45.1	45.1	45.1	45.1	45.1	45.2	45.2	45.2
IV 12000	31.9	44.9	45.4	45.6	45.8	46.1	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.3	46.3	46.3
IV 10000	33.9	47.6	48.1	48.3	48.5	48.8	48.8	48.9	48.9	48.9	48.9	48.9	48.9	49.0	49.0	49.0
IV 9000	34.3	48.1	48.9	49.1	49.3	49.5	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.7	49.7	49.7
IV 8000	35.9	50.9	51.8	52.0	52.2	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.6	52.6	52.6
IV 7000	36.8	52.2	53.1	53.3	53.5	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.9	53.9	53.9
IV 6000	37.0	53.4	54.3	54.5	54.7	54.9	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.1	55.1	55.1
IV 5000	38.2	54.7	55.6	55.8	56.0	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.4	56.4	56.4
IV 4500	38.8	55.7	56.5	56.7	57.1	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.5	57.5	57.5
IV 4000	39.3	56.4	57.3	57.5	57.8	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.3	58.3	58.3
IV 3500	39.4	57.6	58.5	58.7	59.0	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.4	59.4	59.4
IV 3000	40.0	59.1	60.2	60.6	60.9	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.4	61.4	61.4
IV 2500	41.0	61.4	62.6	63.1	63.5	63.8	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.1	64.1	64.1
IV 2000	41.9	63.6	65.2	65.9	66.5	66.7	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.3	67.3	67.3
IV 1800	42.6	65.9	67.6	68.4	69.0	69.4	69.7	69.9	69.9	69.9	69.9	69.9	69.9	70.0	70.0	70.0
IV 1500	43.1	68.5	70.4	71.3	72.2	72.7	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.7	73.7	73.7
IV 1200	43.6	71.2	73.2	74.3	75.3	75.8	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.8	76.8	76.8
IV 1000	43.8	73.1	75.4	76.9	77.9	78.5	79.4	79.7	79.8	79.9	79.9	79.9	79.9	80.0	80.0	80.0
IV 900	43.9	74.4	76.7	78.3	79.4	80.3	81.1	81.4	81.6	81.7	81.7	81.7	81.7	81.9	81.9	81.9
IV 800	43.9	75.1	78.0	79.8	81.3	82.3	83.3	83.6	83.7	83.8	83.8	83.8	83.9	84.0	84.0	84.0
IV 700	44.3	76.3	79.6	81.9	83.8	85.3	86.3	86.6	86.7	86.8	86.8	86.8	86.9	87.1	87.1	87.1
IV 600	44.6	77.5	81.8	84.1	86.5	88.3	89.5	90.1	90.2	90.3	90.5	90.6	90.7	90.7	90.7	90.7
IV 500	44.8	78.0	82.6	85.7	88.5	90.8	92.3	93.5	93.6	94.1	94.3	94.4	94.6	94.7	94.7	94.7
IV 400	44.8	78.3	83.0	86.1	89.4	91.9	93.7	95.4	95.8	96.4	97.0	97.1	97.3	97.4	97.4	97.4
IV 300	44.8	78.3	83.1	86.3	89.8	92.3	94.5	96.1	96.8	97.5	98.5	98.7	98.9	99.0	99.0	99.0
IV 200	44.8	78.3	83.1	86.3	89.8	92.3	94.5	96.2	97.0	98.0	99.2	99.6	99.8	99.9	100.0	100.0
IV 100	44.8	78.3	83.1	86.3	89.8	92.3	94.5	96.2	97.0	98.0	99.2	99.6	99.8	99.9	100.0	100.0
IV 0	44.8	78.3	83.1	86.3	89.8	92.3	94.5	96.2	97.0	98.0	99.2	99.6	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

927

USAF ETAC

FORM
JUL 64

0-14-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
AFETAC
ATC WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723316

COLUMBUS AFB MS

70,73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥3/16	≥0
NO CEILING	36.3	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
≥ 20000	41.5	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 18000	42.7	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 16000	42.9	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 14000	43.3	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 12000	44.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 10000	46.5	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 9000	46.9	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 8000	48.5	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 7000	49.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 6000	49.8	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 5000	51.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 4500	51.5	61.1	61.1	61.1	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 4000	51.7	61.6	61.7	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 3500	52.9	63.2	63.4	63.4	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 3000	53.5	64.7	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 2500	55.6	68.5	69.1	69.1	69.2	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 2000	57.0	71.5	72.3	72.5	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 1800	57.4	72.9	73.9	74.1	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 1500	58.5	76.5	77.5	77.7	77.8	77.8	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1
≥ 1200	59.8	79.6	80.8	81.5	81.9	81.9	82.0	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2
≥ 1000	60.0	80.9	82.6	83.8	84.2	84.2	84.3	84.3	84.4	84.5	84.5	84.5	84.5	84.5	84.5
≥ 900	60.1	81.9	83.7	84.8	85.4	85.5	85.7	85.7	85.8	85.9	85.9	85.9	85.9	85.9	85.9
≥ 800	60.1	82.7	84.6	86.1	86.7	86.9	87.5	87.7	87.8	88.1	88.1	88.1	88.1	88.1	88.1
≥ 700	60.4	83.7	86.0	87.7	88.3	88.6	89.5	89.8	89.9	90.1	90.1	90.1	90.1	90.1	90.1
≥ 600	60.6	84.5	87.4	89.6	90.8	91.2	92.0	92.4	92.6	92.8	92.8	92.8	92.8	92.8	92.8
≥ 500	60.6	85.2	88.5	91.0	92.9	93.5	94.7	95.5	95.9	96.1	96.1	96.1	96.2	96.2	96.2
≥ 400	60.6	85.3	88.7	91.4	93.8	94.5	96.0	97.1	97.5	98.0	98.0	98.0	98.1	98.1	98.1
≥ 300	60.6	85.3	88.8	91.6	94.0	94.9	97.0	98.1	98.5	99.1	99.1	99.1	99.4	99.4	99.4
≥ 200	60.6	85.3	88.8	91.7	94.1	95.1	97.1	98.2	98.6	99.4	99.7	99.8	100.0	100.0	100.0
≥ 100	60.6	85.3	88.8	91.7	94.1	95.1	97.1	98.2	98.6	99.4	99.7	99.8	100.0	100.0	100.0
≥ 0	60.6	85.3	88.8	91.7	94.1	95.1	97.1	98.2	98.6	99.4	99.7	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF Weather Service/MAC

CEILING VERSUS VISIBILITY

7233.6

COLUMBUS AFB MS

70,73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	39.2	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
≥ 20000	45.2	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 18000	45.5	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 16000	45.5	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 14000	46.3	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 12000	48.7	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 10000	50.3	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 9000	50.8	56.9	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 8000	53.0	59.8	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 7000	53.9	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 6000	54.7	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 5000	55.8	64.5	64.5	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 4500	56.5	65.3	65.3	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 4000	57.3	66.5	66.5	66.7	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 3500	58.1	67.7	67.7	67.9	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 3000	60.0	70.2	70.3	70.7	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 2500	60.7	73.4	73.7	74.2	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 2000	61.6	75.8	76.3	76.7	77.6	77.7	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 1800	61.7	76.4	77.0	77.4	78.5	78.6	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 1500	62.8	79.9	80.6	81.1	82.5	82.6	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 1200	62.9	81.4	82.8	83.5	85.1	85.3	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 1000	63.0	82.3	84.0	84.8	86.5	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 900	63.2	83.0	84.8	85.8	87.7	88.2	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 800	63.4	83.7	85.6	86.7	88.9	89.5	90.0	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2
≥ 700	63.4	84.2	86.0	87.1	89.6	90.2	90.7	90.9	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.1
≥ 600	63.4	84.7	86.8	88.3	90.9	91.6	92.1	92.2	92.2	92.4	92.5	92.5	92.6	92.6	92.6	92.6
≥ 500	63.6	85.0	87.2	89.5	92.6	93.5	94.7	95.3	95.5	95.6	95.8	95.8	95.9	95.9	95.9	95.9
≥ 400	63.6	85.5	87.6	89.9	93.3	94.5	96.0	97.0	97.2	97.4	97.8	97.8	98.0	98.0	98.0	98.0
≥ 300	63.6	85.5	87.6	89.9	93.4	94.7	96.3	97.3	98.0	98.3	99.0	99.0	99.1	99.2	99.4	99.4
≥ 200	63.6	85.5	87.6	89.9	93.4	94.7	96.6	97.6	98.3	98.8	99.6	99.6	99.8	99.9	100.0	100.0
≥ 100	63.6	85.5	87.6	89.9	93.4	94.7	96.6	97.6	98.3	98.8	99.6	99.6	99.8	99.9	100.0	100.0
≥ 0	63.6	85.5	87.6	89.9	93.4	94.7	96.6	97.6	98.3	98.8	99.6	99.6	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72336

COLUMBUS AFB MS

70,73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	≥4	≥0
NO CEILING	36.6	47.6	47.8	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 20000	39.5	52.5	52.7	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 18000	40.2	53.2	53.4	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
IV 18000	40.7	53.7	53.9	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 14000	40.8	54.0	54.3	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
IV 12000	42.0	55.4	55.7	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 10000	42.5	56.5	56.8	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
IV 9000	42.5	56.8	57.2	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 8000	44.1	59.2	59.5	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
IV 7000	45.3	61.2	61.6	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 6000	46.2	62.8	63.3	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
IV 5000	47.3	65.1	65.7	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 4500	47.5	66.1	66.7	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
IV 4000	47.6	66.8	67.5	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 3500	49.1	68.6	69.2	69.6	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
IV 3000	50.1	70.3	71.0	71.5	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 2500	51.2	74.6	75.3	75.9	76.9	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IV 2000	52.1	77.2	78.4	78.9	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 1800	52.4	78.0	79.4	80.1	81.3	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 1500	52.6	80.5	82.2	83.1	84.6	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 1200	53.2	81.7	83.6	84.7	86.2	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 1000	53.2	82.1	84.3	85.5	87.0	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 900	53.4	82.9	85.3	86.7	88.2	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 800	53.4	83.3	85.7	87.1	88.8	89.3	89.3	89.3	89.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 700	53.4	83.4	85.9	87.5	89.3	90.0	90.2	90.5	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 600	53.4	83.6	86.1	87.7	89.8	90.7	91.1	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 500	53.4	83.9	86.4	88.3	91.3	92.2	92.9	93.3	93.4	93.8	93.8	93.8	93.9	94.0	94.0	94.0
IV 400	53.4	84.0	86.8	88.8	92.0	93.3	94.4	95.3	95.4	95.8	95.8	95.8	95.9	96.2	96.2	96.2
≥ 300	53.4	84.0	87.0	89.2	92.8	94.2	95.8	96.9	97.1	97.5	97.7	97.7	98.0	98.3	98.3	98.3
IV 200	53.4	84.0	87.0	89.2	93.0	94.6	96.2	97.3	97.7	98.3	98.7	98.7	99.1	99.6	99.6	99.7
≥ 100	53.4	84.0	87.0	89.2	93.0	94.6	96.2	97.3	97.7	98.3	98.8	98.8	99.4	99.8	99.8	99.9
IV 0	53.5	84.1	87.1	89.3	93.1	94.7	96.3	97.4	97.8	98.4	98.9	98.9	99.5	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 929

USAF ETAC FORM 0-14-5 (OL A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723336

COLUMBUS AFB MS

70,73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	32.1	47.5	48.0	48.1	48.5	48.5	48.8	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	49.1
≥ 20000	33.7	50.9	51.5	51.6	52.0	52.0	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.5
≥ 18000	33.9	51.2	51.8	51.9	52.3	52.3	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.9
IV 16000	34.3	51.7	52.2	52.3	52.7	52.7	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.3
IV 14000	35.1	52.6	53.2	53.3	53.7	53.7	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.3
IV 12000	35.7	53.5	54.0	54.1	54.6	54.6	54.8	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	55.1
IV 10000	36.3	54.5	55.0	55.1	55.5	55.5	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	56.1
IV 9000	36.5	54.8	55.3	55.4	55.9	55.9	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.4
IV 8000	38.1	56.9	57.5	57.6	58.0	58.0	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.6
IV 7000	39.2	58.7	59.2	59.3	59.7	59.7	60.0	60.0	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.4
IV 6000	40.0	60.5	61.0	61.2	61.7	61.7	61.9	61.9	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.3
IV 5000	40.9	63.2	63.7	63.9	64.4	64.4	64.6	64.6	64.7	64.8	64.8	64.8	64.8	64.8	64.8	65.0
IV 4500	41.7	64.4	65.1	65.7	66.1	66.1	66.3	66.3	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.7
IV 4000	42.1	65.8	66.5	67.1	67.6	67.6	67.8	67.8	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.2
IV 3500	42.8	67.5	68.2	68.8	69.3	69.3	69.5	69.5	69.6	69.8	69.8	69.8	69.8	69.8	69.8	70.0
IV 3000	43.6	70.4	71.3	71.8	72.4	72.4	72.7	72.7	72.8	72.9	72.9	72.9	72.9	72.9	72.9	73.1
IV 2500	44.5	74.2	75.7	76.2	77.2	77.2	77.4	77.4	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.8
IV 2000	45.1	77.1	78.8	79.3	80.3	80.3	80.6	80.6	80.7	80.9	80.9	80.9	80.9	80.9	80.9	81.2
IV 1800	45.1	77.9	79.2	79.8	80.8	80.8	81.2	81.2	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.7
IV 1500	45.2	79.2	81.1	81.8	83.1	83.1	83.4	83.4	83.5	83.7	83.7	83.7	83.7	83.7	83.7	84.0
IV 1200	45.7	81.3	83.4	84.4	85.7	85.8	86.1	86.1	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.7
IV 1000	45.9	82.1	84.5	85.7	87.2	87.3	87.6	87.6	87.7	87.9	87.9	87.9	87.9	87.9	87.9	88.2
IV 900	45.9	82.7	85.0	86.2	87.7	87.8	88.2	88.2	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.7
IV 800	45.9	82.7	85.0	86.2	87.9	88.2	88.5	88.5	88.6	88.8	88.8	88.8	88.8	88.8	88.8	89.0
IV 700	45.9	83.3	86.0	87.2	89.0	89.5	89.8	89.9	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.4
IV 600	45.9	84.0	86.7	87.8	89.9	90.3	90.6	90.7	90.9	91.3	91.3	91.3	91.3	91.3	91.3	91.5
IV 500	45.9	84.2	87.5	88.8	91.5	92.1	92.5	92.6	92.7	93.1	93.1	93.1	93.2	93.2	93.2	93.4
IV 400	45.9	84.2	87.7	89.1	92.2	93.2	93.6	94.5	94.6	95.2	95.2	95.2	95.3	95.6	95.6	95.8
IV 300	45.9	84.2	87.8	89.5	93.0	94.1	94.8	95.7	95.8	96.4	96.6	96.6	96.7	97.1	97.2	97.4
IV 200	45.9	84.2	87.8	89.6	93.2	94.4	95.6	96.8	97.1	98.0	98.5	98.5	99.0	99.5	99.6	99.8
IV 100	45.9	84.2	87.8	89.6	93.2	94.4	95.6	96.8	97.1	98.0	98.5	98.5	99.0	99.5	99.7	100.0
IV 0	45.9	84.2	87.8	89.6	93.2	94.4	95.6	96.8	97.1	98.0	98.5	98.5	99.0	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS

929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723336

COLUMBUS AFB MS

70,73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	28.9	41.7	42.4	42.6	43.0	43.1	43.2	43.3	43.3	43.4	43.4	43.4	43.5	43.5	43.5	43.6
≥ 20000	31.9	46.1	46.9	47.2	47.6	47.7	47.8	47.9	47.9	48.0	48.0	48.0	48.1	48.1	48.1	48.2
≥ 18000	32.3	46.7	47.5	47.8	48.2	48.3	48.4	48.5	48.5	48.6	48.6	48.6	48.6	48.7	48.7	48.8
≥ 16000	32.6	47.0	47.8	48.1	48.5	48.6	48.7	48.8	48.9	48.9	49.0	49.0	49.0	49.0	49.0	49.1
≥ 14000	33.2	47.8	48.6	48.8	49.2	49.3	49.5	49.6	49.6	49.7	49.7	49.7	49.7	49.8	49.8	49.9
≥ 12000	34.2	49.1	50.0	50.2	50.6	50.7	50.9	50.9	51.0	51.1	51.1	51.1	51.1	51.1	51.2	51.2
≥ 10000	35.5	51.1	52.0	52.3	52.7	52.8	52.9	53.0	53.0	53.1	53.1	53.1	53.2	53.2	53.2	53.3
≥ 9000	35.8	51.7	52.6	52.9	53.3	53.4	53.5	53.6	53.6	53.7	53.7	53.7	53.8	53.8	53.8	53.9
≥ 8000	37.1	53.7	54.6	54.9	55.3	55.5	55.6	55.7	55.7	55.8	55.8	55.8	55.8	55.9	55.9	56.0
≥ 7000	37.8	55.0	56.0	56.3	56.7	56.8	57.0	57.1	57.1	57.2	57.2	57.2	57.2	57.3	57.3	57.4
≥ 6000	38.5	56.5	57.5	57.9	58.3	58.4	58.5	58.6	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.9
≥ 5000	39.4	58.4	59.5	59.8	60.3	60.4	60.5	60.6	60.6	60.7	60.8	60.8	60.8	60.8	60.8	60.9
≥ 4500	40.1	59.8	60.9	61.4	61.8	61.9	62.1	62.2	62.2	62.3	62.3	62.3	62.3	62.4	62.4	62.5
≥ 4000	40.5	60.7	61.9	62.3	62.8	62.9	63.1	63.2	63.2	63.3	63.3	63.3	63.4	63.4	63.4	63.5
≥ 3500	41.1	62.2	63.4	63.8	64.3	64.5	64.6	64.7	64.8	64.8	64.9	64.9	64.9	64.9	65.0	65.0
≥ 3000	42.0	64.1	65.4	65.9	66.6	66.7	66.9	67.0	67.0	67.1	67.1	67.1	67.1	67.2	67.2	67.3
≥ 2500	43.1	67.3	68.9	69.5	70.3	70.5	70.7	70.8	70.8	70.9	70.9	70.9	71.0	71.0	71.0	71.1
≥ 2000	43.9	69.8	71.8	72.6	73.5	73.7	74.0	74.1	74.1	74.2	74.3	74.3	74.3	74.3	74.3	74.4
≥ 1800	44.2	71.0	73.0	73.8	74.9	75.1	75.3	75.5	75.5	75.6	75.6	75.6	75.7	75.7	75.7	75.8
≥ 1500	44.8	73.9	76.2	77.2	78.4	78.7	79.0	79.2	79.2	79.3	79.3	79.3	79.4	79.4	79.4	79.5
≥ 1200	45.3	75.9	78.4	79.6	81.0	81.4	81.6	81.8	81.8	81.9	82.0	82.0	82.0	82.0	82.0	82.1
≥ 1000	45.5	76.9	79.7	81.3	82.8	83.2	83.5	83.7	83.7	83.9	83.9	83.9	83.9	83.9	84.0	84.1
≥ 900	45.6	77.8	80.8	82.4	84.0	84.4	84.8	85.0	85.1	85.2	85.2	85.2	85.3	85.3	85.3	85.4
≥ 800	45.6	78.4	81.5	83.4	85.2	85.8	86.3	86.6	86.7	86.8	86.9	86.9	86.9	86.9	87.0	87.0
≥ 700	45.7	79.0	82.4	84.6	86.6	87.4	88.0	88.3	88.4	88.6	88.6	88.7	88.7	88.7	88.7	88.8
≥ 600	45.9	79.6	83.4	85.9	88.3	89.4	90.1	90.5	90.6	90.9	90.9	90.9	91.0	91.0	91.0	91.1
≥ 500	45.9	80.0	84.2	87.1	90.0	91.4	92.4	93.0	93.3	93.6	93.7	93.7	93.8	93.9	93.9	94.0
≥ 400	45.9	80.2	84.5	87.5	90.9	92.5	93.7	94.8	95.2	95.6	95.8	95.8	95.9	96.1	96.2	96.3
≥ 300	45.9	80.3	84.7	87.8	91.5	93.2	94.8	96.0	96.5	97.1	97.5	97.5	97.7	97.9	98.0	98.2
≥ 200	45.9	80.3	84.7	87.9	91.5	93.4	95.1	96.3	97.0	97.7	98.5	98.5	98.9	99.3	99.4	99.8
≥ 100	45.9	80.3	84.7	87.9	91.5	93.4	95.1	96.3	97.0	97.7	98.5	98.6	99.0	99.4	99.5	100.0
≥ 0	45.9	80.3	84.7	87.9	91.6	93.4	95.1	96.3	97.0	97.8	98.5	98.6	99.0	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 7433

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFB WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7233-6

COLUMBUS AFB MS

70,73-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.G.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	24.2	51.9	52.7	53.7	53.8	53.9	54.1	54.4	54.4	54.6	54.6	54.7	54.7	54.7	55.7	55.0
≥ 20000	26.1	55.8	56.6	57.7	57.8	57.9	58.2	58.4	58.4	58.6	58.6	58.7	58.7	58.7	59.0	59.0
≥ 18000	26.6	56.3	57.1	58.2	58.3	58.4	58.6	58.9	58.9	59.1	59.1	59.2	59.2	59.2	59.5	59.5
≥ 16000	27.2	57.0	57.8	58.9	59.0	59.1	59.3	59.6	59.6	59.8	59.8	59.9	59.9	59.9	60.2	60.2
≥ 14000	27.9	57.9	58.7	59.8	59.9	60.0	60.3	60.6	60.6	60.9	60.9	61.0	61.0	61.0	61.2	61.2
≥ 12000	28.1	58.9	59.7	60.8	60.9	61.0	61.2	61.6	61.6	61.8	61.8	61.9	61.9	61.9	62.2	62.2
≥ 10000	29.2	61.1	61.9	63.1	63.2	63.4	63.6	63.9	63.9	64.2	64.2	64.3	64.3	64.3	64.5	64.5
≥ 9000	29.7	62.1	62.9	64.1	64.2	64.3	64.5	64.9	64.9	65.1	65.1	65.2	65.2	65.2	65.5	65.5
≥ 8000	30.3	63.6	64.4	65.6	65.7	65.8	66.1	66.4	66.4	66.7	66.7	66.8	66.8	66.8	67.0	67.0
≥ 7000	30.7	64.3	65.1	66.3	66.4	66.5	66.8	67.1	67.1	67.4	67.4	67.5	67.5	67.5	67.7	67.7
≥ 6000	30.9	65.8	66.7	67.8	68.0	68.1	68.3	68.7	68.7	68.9	68.9	69.0	69.0	69.0	69.3	69.3
≥ 5000	31.6	68.3	69.3	70.8	71.0	71.2	71.4	71.7	71.7	72.0	72.0	72.1	72.1	72.1	72.3	72.3
≥ 4500	32.2	70.7	71.7	73.4	73.6	73.8	74.0	74.3	74.3	74.6	74.6	74.7	74.7	74.7	74.9	74.9
≥ 4000	32.2	71.4	72.5	74.1	74.5	74.6	74.8	75.2	75.2	75.4	75.4	75.5	75.5	75.5	75.8	75.8
≥ 3500	32.4	73.0	74.1	75.8	76.1	76.2	76.5	76.8	76.8	77.1	77.1	77.2	77.2	77.2	77.4	77.4
≥ 3000	33.3	76.8	78.1	80.3	80.7	80.9	81.2	81.6	81.6	81.8	81.8	81.9	81.9	81.9	82.2	82.2
≥ 2500	34.6	80.3	81.7	83.9	84.4	84.5	85.0	85.3	85.3	85.6	85.6	85.7	85.7	85.8	86.1	86.1
≥ 2000	35.7	82.5	84.3	86.5	87.1	87.2	87.7	88.1	88.1	88.3	88.3	88.4	88.4	88.5	88.8	88.8
≥ 1800	35.7	83.3	85.1	87.4	87.9	88.1	88.5	88.9	89.0	89.2	89.2	89.4	89.4	89.5	89.7	89.7
≥ 1500	36.2	84.5	86.4	88.8	89.4	89.5	90.0	90.3	90.4	90.7	90.7	90.8	90.8	90.9	91.1	91.1
≥ 1200	36.4	85.2	87.2	89.6	90.3	90.4	91.0	91.4	91.5	91.7	91.7	91.8	91.8	92.0	92.2	92.2
≥ 1000	36.6	85.8	87.8	90.7	91.5	91.6	92.2	92.6	92.7	92.9	92.9	93.0	93.0	93.1	93.4	93.4
≥ 900	36.9	86.5	88.5	91.4	92.6	92.8	93.5	93.9	94.0	94.2	94.2	94.3	94.3	94.4	94.7	94.7
≥ 800	36.9	86.6	88.7	91.6	92.8	93.0	93.7	94.1	94.2	94.4	94.4	94.6	94.6	94.7	94.9	94.9
≥ 700	36.9	87.0	89.2	92.4	93.6	93.9	94.6	94.9	95.0	95.3	95.3	95.4	95.4	95.5	95.7	95.7
≥ 600	37.0	87.1	89.7	93.0	94.6	94.8	95.5	95.9	96.0	96.2	96.2	96.3	96.3	96.5	96.7	96.7
≥ 500	37.1	87.4	90.0	93.6	95.2	95.5	96.6	96.9	97.0	97.4	97.4	97.5	97.5	97.6	97.9	97.9
≥ 400	37.1	87.5	90.2	93.9	95.7	96.2	97.3	97.8	97.9	98.2	98.2	98.3	98.3	98.5	98.7	98.7
≥ 300	37.1	87.5	90.2	93.9	96.1	96.6	97.8	98.3	98.5	98.8	98.8	99.1	99.2	99.2	99.3	99.5
≥ 200	37.1	87.5	90.2	93.9	96.1	96.6	97.8	98.3	98.5	98.8	98.8	99.2	99.3	99.3	99.4	99.6
≥ 100	37.1	87.5	90.2	93.9	96.1	96.6	97.8	98.5	98.7	99.1	99.4	99.5	99.5	99.5	99.8	100.0
≥ 0	37.1	87.5	90.2	93.9	96.1	96.6	97.8	98.5	98.7	99.1	99.4	99.5	99.5	99.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 846

USAF ETAC FORM 0-14-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7233.06

COLUMBUS AFB MS

70, 73-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	17.8	46.6	57.2	51.5	53.2	53.3	53.4	53.5	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 20000	18.8	49.5	53.5	55.0	56.6	56.7	56.9	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 18000	19.1	49.9	53.9	55.3	57.0	57.1	57.1	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 16000	19.6	50.5	54.5	55.9	57.6	57.7	57.8	57.9	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 14000	20.0	50.9	55.0	56.4	58.0	58.2	58.3	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 12000	20.9	52.1	56.1	57.6	59.2	59.3	59.5	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 10000	21.5	54.0	58.0	59.5	61.1	61.2	61.3	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 9000	21.6	54.8	58.9	60.3	61.9	62.1	62.2	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 8000	22.0	55.9	59.9	61.3	63.0	63.1	63.2	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 7000	22.7	57.2	61.3	62.8	64.4	64.5	64.7	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 6000	23.9	59.0	63.1	64.5	66.2	66.3	66.4	66.5	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 5000	24.3	61.0	65.5	67.0	68.7	68.8	68.9	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 4500	24.7	62.6	67.3	68.9	70.6	70.7	70.8	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 4000	24.7	63.0	67.8	69.5	71.2	71.3	71.4	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 3500	24.9	64.2	69.3	71.0	72.7	72.8	72.9	73.0	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 3000	25.3	65.5	71.0	72.8	74.7	74.8	74.9	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 2500	26.2	68.8	74.5	76.5	78.4	78.5	78.6	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 2000	28.1	73.4	79.1	81.2	83.1	83.3	83.5	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 1800	28.4	74.6	80.4	82.5	84.4	84.6	84.8	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 1500	29.0	77.4	83.7	85.8	87.7	87.9	88.1	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1200	29.1	79.0	85.3	88.1	90.0	90.3	90.7	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1000	29.1	79.4	86.1	88.8	90.7	91.1	91.5	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 900	29.1	79.8	86.5	89.2	91.1	91.7	92.1	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 800	29.2	80.1	86.9	89.6	91.5	92.1	92.6	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 700	29.3	80.5	87.2	90.0	91.8	92.6	93.0	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 600	29.3	80.9	87.8	90.8	93.0	93.9	94.3	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 500	29.3	80.9	88.1	91.5	94.2	95.4	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 400	29.3	81.0	88.2	91.7	94.7	95.9	96.7	97.0	97.0	97.2	97.3	97.3	97.4	97.4	97.4	97.4
≥ 300	29.3	81.0	88.2	91.7	94.7	96.0	96.8	97.6	97.8	97.9	98.2	98.2	98.5	98.5	98.5	98.5
≥ 200	29.3	81.0	88.2	91.7	94.8	96.1	96.9	97.8	97.9	98.0	98.5	98.5	99.2	99.3	99.4	99.4
≥ 100	29.3	81.0	88.2	91.7	94.8	96.1	96.9	98.0	98.5	98.6	99.1	99.1	99.8	99.9	100.0	100.0
≥ 0	29.3	81.0	88.2	91.7	94.8	96.1	96.9	98.0	98.5	98.6	99.1	99.1	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

846

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7233 16

COLUMBUS AFB MS

70,73-81

FER

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	17.3	36.2	39.4	42.7	44.7	44.9	45.9	46.5	46.5	46.6	46.7	46.7	46.8	46.8	46.9	46.9
≥ 20000	18.7	39.2	42.9	46.2	48.3	48.6	49.9	50.6	50.6	50.7	50.8	50.8	50.9	50.9	51.1	51.1
≥ 18000	18.7	39.2	42.9	46.2	48.3	48.6	49.9	50.6	50.6	50.7	50.8	50.8	50.9	50.9	51.1	51.1
≥ 16000	19.0	39.7	43.5	46.9	49.1	49.3	50.6	51.3	51.3	51.4	51.5	51.5	51.7	51.7	51.8	51.8
≥ 14000	19.4	40.2	44.0	47.4	49.5	49.8	51.1	51.8	51.8	51.9	52.0	52.0	52.1	52.1	52.2	52.2
≥ 12000	20.4	42.0	45.7	49.2	51.3	51.5	52.8	53.5	53.5	53.7	53.8	53.8	53.9	53.9	54.0	54.0
≥ 10000	21.4	44.2	48.2	51.7	53.8	54.0	55.3	56.0	56.0	56.1	56.3	56.3	56.4	56.4	56.5	56.5
≥ 9000	21.7	45.0	49.1	52.5	54.6	54.8	56.1	56.9	56.9	57.0	57.1	57.1	57.2	57.2	57.3	57.3
≥ 8000	22.3	46.6	50.6	54.0	56.1	56.4	57.7	58.4	58.4	58.5	58.6	58.6	58.7	58.7	58.9	58.9
≥ 7000	23.8	48.8	53.0	56.4	58.5	58.7	60.0	60.8	60.8	60.9	61.0	61.0	61.1	61.1	61.2	61.2
≥ 6000	24.5	50.0	54.3	57.8	59.9	60.2	61.6	62.3	62.3	62.4	62.5	62.5	62.6	62.6	62.8	62.8
≥ 5000	25.2	52.0	56.5	60.2	62.4	62.6	64.1	64.8	64.8	64.9	65.0	65.0	65.1	65.1	65.2	65.2
≥ 4500	25.3	53.1	57.8	61.6	64.1	64.3	65.8	66.5	66.5	66.7	66.8	66.8	66.9	66.9	67.0	67.0
≥ 4000	25.3	53.7	58.5	62.3	64.8	65.0	66.7	67.4	67.4	67.5	67.6	67.6	67.7	67.7	67.8	67.8
≥ 3500	25.5	55.1	60.0	63.8	66.4	66.7	68.3	69.0	69.0	69.1	69.3	69.3	69.4	69.4	69.5	69.5
≥ 3000	26.1	57.4	62.5	66.3	68.9	69.1	70.8	71.5	71.5	71.6	71.7	71.7	71.9	71.9	72.0	72.0
≥ 2500	27.8	61.9	67.4	71.4	74.2	74.5	76.1	76.8	76.8	77.0	77.1	77.1	77.2	77.2	77.3	77.3
≥ 2000	28.6	63.7	69.4	73.8	76.6	76.8	78.5	79.3	79.3	79.4	79.6	79.6	79.7	79.7	79.8	79.8
≥ 1800	29.1	65.2	71.0	75.4	78.4	78.6	80.4	81.2	81.2	81.3	81.4	81.4	81.6	81.6	81.7	81.7
≥ 1500	29.7	67.4	73.4	78.4	81.3	81.6	83.3	84.4	84.4	84.5	84.6	84.6	84.8	84.8	84.9	84.9
≥ 1200	29.9	68.3	74.9	80.0	83.1	83.5	85.2	86.4	86.4	86.5	86.6	86.6	86.8	86.8	86.9	86.9
≥ 1000	30.1	69.9	77.2	82.7	85.9	86.3	88.2	89.4	89.4	89.5	89.6	89.6	89.7	89.7	89.8	89.8
≥ 900	30.4	70.3	77.9	83.7	87.4	87.8	89.7	90.9	90.9	91.0	91.1	91.1	91.3	91.4	91.5	91.5
≥ 800	30.4	70.8	78.5	84.4	88.4	89.0	91.0	92.2	92.2	92.3	92.4	92.4	92.6	92.7	92.8	92.8
≥ 700	30.4	70.9	78.7	84.8	89.2	89.8	91.8	93.1	93.1	93.3	93.4	93.4	93.5	93.6	93.7	93.7
≥ 600	30.4	71.2	79.2	85.2	89.8	90.5	92.6	94.1	94.1	94.3	94.4	94.4	94.6	94.7	94.8	94.8
≥ 500	30.4	71.3	79.4	85.6	90.2	91.3	93.6	95.5	95.6	96.0	96.1	96.1	96.2	96.3	96.5	96.5
≥ 400	30.4	71.3	79.4	85.7	90.5	91.8	94.4	96.5	96.7	97.0	97.3	97.3	97.5	97.6	97.8	97.8
≥ 300	30.4	71.3	79.4	85.7	90.5	91.8	94.4	96.7	97.2	97.6	97.9	98.0	98.3	98.5	98.6	98.6
≥ 200	30.4	71.3	79.4	85.7	90.5	91.8	94.4	96.8	97.3	97.9	98.2	98.6	98.9	99.3	99.5	99.6
≥ 100	30.4	71.3	79.4	85.7	90.5	91.8	94.4	96.8	97.3	97.9	98.2	98.6	99.1	99.4	99.8	100.0
≥ 0	30.4	71.3	79.4	85.7	90.5	91.8	94.4	96.8	97.3	97.9	98.2	98.6	99.1	99.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 846

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

125326

COLUMBUS AFB MS

70,73-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	27.4	40.1	41.3	42.1	42.3	42.6	42.8	42.8	42.8	42.9	42.9	42.9	42.9	42.9	42.9	42.9
≥ 20000	32.7	45.5	46.7	47.5	47.8	48.0	48.2	48.2	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 18000	32.2	45.6	46.8	47.6	47.9	48.1	48.3	48.3	48.3	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 16000	32.4	45.9	47.0	47.9	48.1	48.3	48.6	48.6	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 14000	33.5	47.0	48.2	49.1	49.3	49.5	49.8	49.8	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 12000	35.0	48.6	49.8	50.6	50.8	51.1	51.3	51.3	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 10000	36.6	51.4	52.6	53.4	53.7	53.9	54.1	54.1	54.1	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 9000	37.1	52.7	53.9	54.7	55.0	55.2	55.4	55.4	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 8000	38.2	54.6	55.9	56.9	57.1	57.3	57.7	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 7000	39.4	56.9	58.3	59.2	59.5	59.7	60.0	60.0	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 6000	39.7	57.6	59.0	59.9	60.3	60.6	61.0	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 5000	40.7	59.6	61.1	62.3	62.8	63.1	63.5	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 4500	41.9	60.5	62.1	63.2	63.7	64.1	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 4000	42.1	62.3	63.8	65.0	65.6	66.0	66.3	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 3500	42.7	63.9	65.5	66.7	67.3	67.6	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 3000	44.4	66.9	68.6	69.7	70.3	70.7	71.0	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 2500	45.9	70.1	72.0	73.2	73.8	74.1	74.5	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 2000	47.3	74.2	76.4	77.7	78.4	79.1	79.4	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 1800	47.4	75.1	77.2	78.5	79.2	79.9	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 1500	47.8	77.5	79.8	81.1	81.8	82.5	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 1200	48.8	80.3	82.6	84.2	85.1	85.8	86.2	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 1000	49.1	81.9	85.0	86.9	88.2	88.9	89.2	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 900	49.2	82.9	85.9	87.9	89.6	90.4	90.8	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 800	49.2	83.7	86.9	89.1	91.4	92.3	92.8	93.0	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 700	49.2	83.9	87.1	89.7	92.2	93.3	93.7	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 600	49.2	84.6	87.9	90.9	93.6	94.7	95.3	95.6	95.6	95.9	96.0	96.0	96.0	96.0	96.0	96.0
≥ 500	49.2	84.6	88.2	91.3	94.1	95.2	96.0	96.7	96.8	97.0	97.2	97.2	97.2	97.2	97.2	97.2
≥ 400	49.2	85.1	88.8	92.0	95.0	96.2	97.4	98.3	98.7	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	49.2	85.2	88.9	92.1	95.2	96.3	97.5	98.6	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	49.2	85.2	88.9	92.1	95.2	96.3	97.5	98.6	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	49.2	85.2	88.9	92.1	95.2	96.3	97.5	98.6	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	49.2	85.2	88.9	92.1	95.2	96.3	97.5	98.6	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1223-6

COLUMBUS AFB MS

70,73-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	38.3	46.2	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 20000	44.3	53.3	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 18000	45.7	53.5	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 16000	45.9	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 14000	46.7	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 12000	47.4	56.1	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 10000	49.5	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 9000	50.1	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 8000	50.7	61.6	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 7000	51.1	62.5	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 6000	51.8	63.2	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 5000	53.1	65.6	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 4500	53.4	66.4	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 4000	55.2	68.4	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 3500	56.6	70.4	70.9	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 3000	59.1	74.3	74.8	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 2500	61.1	78.7	79.3	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 2000	63.9	82.9	83.7	84.2	84.3	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 1800	64.2	83.3	84.2	84.6	84.8	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1500	65.7	86.8	87.8	88.4	88.7	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 1200	65.9	88.1	89.6	90.3	90.7	91.1	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1000	66.4	89.1	90.7	91.7	92.7	93.1	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 900	66.7	90.3	92.0	93.0	94.1	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 800	66.8	90.5	92.3	93.6	94.9	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 700	66.8	90.9	92.7	94.2	95.6	96.2	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 600	66.8	91.1	93.1	95.0	97.0	97.6	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 500	66.8	91.1	93.1	95.0	97.2	97.8	98.2	98.3	98.3	98.5	98.8	98.8	98.8	98.8	98.8	98.8
≥ 400	66.8	91.3	93.4	95.3	97.5	98.1	98.6	98.7	98.7	98.9	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	66.8	91.3	93.4	95.3	97.5	98.1	98.7	98.8	99.1	99.4	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200	66.8	91.3	93.4	95.3	97.5	98.1	98.7	98.8	99.1	99.4	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	66.8	91.3	93.4	95.3	97.5	98.1	98.7	98.8	99.1	99.4	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	66.8	91.3	93.4	95.3	97.5	98.1	98.7	98.8	99.1	99.4	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 846

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7223-6

COLUMBUS AFB MS

70,73-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	42.8	48.4	48.4	48.5	48.5	48.5	48.5	48.5	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 20000	49.9	56.3	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 18000	49.8	56.9	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 16000	50.9	57.9	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 14000	51.1	58.2	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 12000	52.2	59.6	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 10000	54.3	62.6	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 9500	54.6	63.1	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 8000	55.4	64.6	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 7000	55.7	65.1	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 6000	56.4	66.5	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 5000	58.5	68.8	69.1	69.5	69.7	69.7	69.7	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 4500	58.9	69.7	70.1	70.4	70.8	70.8	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 4000	60.8	72.3	72.7	73.0	73.5	73.5	73.6	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 3500	62.7	74.9	75.3	75.6	76.1	76.1	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 3000	64.5	77.9	78.2	78.6	79.1	79.1	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 2500	65.9	81.2	81.8	82.1	82.6	82.6	82.8	82.8	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 2000	68.0	86.0	86.7	87.1	87.7	87.8	88.2	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1800	68.3	86.9	87.6	87.9	88.5	88.6	89.0	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1500	69.3	88.8	89.5	89.8	90.7	90.8	91.2	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1200	69.8	90.3	91.1	91.5	92.8	92.9	93.8	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1000	70.1	91.4	92.2	92.5	93.8	94.0	94.9	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 900	70.2	91.7	92.5	92.9	94.3	94.7	95.6	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 800	70.7	92.3	93.5	94.0	95.9	96.2	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 700	70.7	92.3	93.6	94.2	96.2	96.7	97.6	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 600	70.8	92.5	93.8	94.7	96.9	97.4	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 500	70.9	92.7	94.0	94.8	97.0	97.5	98.7	99.1	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	70.9	92.7	94.0	94.8	97.0	97.5	98.7	99.1	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	70.9	92.7	94.0	94.8	97.0	97.5	98.7	99.1	99.4	99.5	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	70.9	92.7	94.0	94.8	97.0	97.5	98.7	99.1	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	70.9	92.7	94.0	94.8	97.0	97.5	98.7	99.1	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	70.9	92.7	94.0	94.8	97.0	97.5	98.7	99.1	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

845

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

720306

COLUMBUS AFB MS

70,73-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	39.5	54.3	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 20000	42.9	60.2	60.5	60.8	60.8	60.8	60.8	60.9	60.9	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 18000	43.4	60.9	61.3	61.6	61.6	61.6	61.6	61.7	61.7	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 16000	44.0	61.6	62.1	62.3	62.3	62.3	62.3	62.4	62.4	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 14000	44.3	62.1	62.5	62.8	62.8	62.8	62.8	62.9	62.9	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 12000	44.9	62.8	63.2	63.5	63.5	63.5	63.5	63.6	63.6	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 10000	46.6	65.1	65.6	66.0	66.0	66.0	66.0	66.1	66.1	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 9000	46.6	65.2	65.7	66.1	66.1	66.1	66.1	66.2	66.2	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 8000	47.5	67.6	68.2	68.6	68.6	68.6	68.6	68.7	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 7000	48.1	68.8	69.4	69.7	69.7	69.7	69.7	69.9	69.9	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 6000	48.7	69.9	70.4	70.9	70.9	70.9	70.9	71.0	71.0	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 5000	50.1	72.8	73.6	74.5	74.7	74.8	74.9	75.1	75.1	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 4500	50.6	74.1	74.9	75.8	76.1	76.2	76.4	76.5	76.5	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 4000	50.7	75.1	75.9	76.7	77.1	77.2	77.4	77.5	77.5	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 3500	51.8	77.2	78.0	78.8	79.2	79.3	79.7	79.8	79.8	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 3000	53.1	78.8	79.9	80.9	81.3	81.4	81.8	81.9	81.9	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 2500	54.0	81.8	83.1	84.0	84.8	84.9	85.7	85.9	85.9	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 2000	54.7	84.0	85.3	86.4	87.4	87.6	88.5	88.8	88.8	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1800	54.7	84.3	85.8	86.9	87.8	88.2	89.1	89.4	89.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1500	55.0	86.3	87.9	89.2	90.3	90.8	91.8	92.1	92.1	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1200	55.2	87.1	88.9	90.2	91.4	91.8	92.9	93.1	93.1	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1000	55.4	87.5	89.4	90.7	92.1	92.6	93.6	93.9	93.9	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 900	55.7	88.4	90.3	91.6	93.1	93.6	94.7	94.9	94.9	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 800	56.0	89.0	90.9	92.6	94.3	94.8	96.1	96.3	96.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 700	56.0	89.2	91.1	92.8	94.8	95.3	96.6	97.0	97.0	97.5	97.6	97.6	97.6	97.6	97.6	97.6
≥ 600	56.1	89.5	91.4	93.0	95.0	95.5	96.8	97.4	97.4	97.9	98.0	98.0	98.0	98.0	98.0	98.0
≥ 500	56.4	89.7	91.7	93.6	95.9	96.3	97.8	98.5	98.5	98.9	99.1	99.1	99.1	99.1	99.1	99.1
≥ 400	56.4	89.7	91.7	93.6	96.0	96.6	98.1	98.8	98.8	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	56.4	89.7	91.7	93.6	96.0	96.6	98.1	98.8	98.8	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 200	56.4	89.7	91.7	93.6	96.0	96.6	98.1	98.9	98.9	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	56.4	89.7	91.7	93.6	96.0	96.6	98.1	98.9	98.9	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	56.4	89.7	91.7	93.6	96.0	96.6	98.1	98.9	98.9	99.5	99.6	99.6	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS

846

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7233.06

COLUMBUS AFB MS

70,73-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

HOURE (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 4	≥ 0
NO CEILING	31.3	54.8	56.1	56.1	56.3	56.3	56.3	56.4	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 20000	33.7	58.3	59.6	59.6	59.7	59.7	59.7	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 18000	33.2	58.6	59.9	59.9	60.0	60.0	60.0	60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 16000	33.7	59.5	60.8	60.8	60.9	60.9	60.9	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 14000	34.2	60.0	61.3	61.5	61.6	61.6	61.6	61.8	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 12000	35.5	61.5	62.9	63.1	63.2	63.2	63.2	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 10000	36.4	63.2	64.7	64.9	65.0	65.0	65.0	65.2	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 9000	36.6	63.6	65.0	65.2	65.4	65.4	65.4	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 8000	37.2	65.6	67.1	67.4	67.5	67.5	67.5	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 7000	37.6	67.0	68.6	68.8	68.9	68.9	68.9	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 6000	38.2	68.4	70.0	70.3	70.4	70.4	70.4	70.7	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 5000	39.7	71.3	72.8	73.5	74.0	74.2	74.2	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 4500	40.2	73.3	74.9	75.7	76.1	76.4	76.5	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 4000	40.9	75.1	76.7	77.4	78.0	78.3	78.4	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 3500	41.4	76.8	78.5	79.2	79.9	80.3	80.4	80.7	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 3000	42.1	78.6	80.6	81.3	82.0	82.4	82.6	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 2500	43.3	81.7	83.9	84.9	85.9	86.3	86.5	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 2000	44.0	83.6	86.1	87.1	88.3	88.7	88.9	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 1800	44.1	84.0	86.5	87.6	88.8	89.1	89.4	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1500	44.1	85.1	87.6	88.9	90.1	90.5	91.1	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1200	44.7	86.3	89.1	90.5	91.7	92.2	92.9	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1000	44.7	86.4	89.2	90.8	92.0	92.4	93.1	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 900	44.8	86.6	89.6	91.3	92.4	92.9	93.7	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 800	45.0	86.9	90.2	92.2	93.4	93.9	94.7	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 700	45.0	87.0	90.4	92.4	93.7	94.2	95.2	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 600	45.2	87.1	90.8	93.4	95.3	95.7	96.8	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 500	45.3	87.4	91.3	93.9	96.0	96.6	98.0	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	45.3	87.5	91.4	94.0	96.2	96.9	98.3	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 300	45.3	87.5	91.5	94.1	96.3	97.0	98.5	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 200	45.3	87.5	91.5	94.1	96.3	97.0	98.5	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	45.3	87.5	91.5	94.1	96.3	97.0	98.5	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	45.3	87.5	91.5	94.1	96.3	97.0	98.5	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 846

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

725336

COLUMBUS AFB MS

70,73-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURLY (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	29.8	47.3	48.6	49.4	50.0	50.1	50.2	50.4	50.4	50.5	50.6	50.6	50.6	50.6	50.6	50.6
≥ 20000	33.2	52.3	53.7	54.6	55.1	55.2	55.5	55.6	55.7	55.8	55.8	55.8	55.8	55.8	55.9	55.9
≥ 18000	33.5	52.6	54.1	55.0	55.5	55.6	55.8	56.0	56.0	56.2	56.2	56.2	56.2	56.2	56.3	56.3
≥ 16000	34.1	53.3	54.8	55.7	56.2	56.3	56.5	56.7	56.7	56.9	56.9	56.9	56.9	56.9	57.0	57.0
≥ 14000	34.6	54.0	55.5	56.4	56.9	57.0	57.2	57.4	57.4	57.6	57.6	57.6	57.6	57.6	57.7	57.7
≥ 12000	35.6	55.2	56.7	57.6	58.2	58.3	58.5	58.7	58.7	58.8	58.9	58.9	58.9	58.9	58.9	58.9
≥ 10000	36.9	57.7	59.2	60.2	60.7	60.8	61.0	61.2	61.2	61.4	61.4	61.4	61.4	61.4	61.5	61.5
≥ 9000	37.3	58.4	59.9	60.9	61.4	61.5	61.7	61.9	62.0	62.1	62.1	62.1	62.1	62.1	62.2	62.2
≥ 8000	37.9	60.0	61.6	62.6	63.1	63.2	63.5	63.7	63.7	63.8	63.8	63.9	63.9	63.9	63.9	63.9
≥ 7000	38.6	61.3	63.0	64.0	64.5	64.6	64.8	65.0	65.1	65.2	65.2	65.2	65.2	65.2	65.3	65.3
≥ 6000	39.2	62.6	64.2	65.2	65.8	65.9	66.2	66.4	66.4	66.5	66.5	66.5	66.6	66.6	66.6	66.6
≥ 5000	40.4	64.9	66.8	68.0	68.7	68.8	69.1	69.3	69.4	69.5	69.5	69.5	69.5	69.5	69.6	69.6
≥ 4500	40.8	66.3	68.2	69.5	70.2	70.4	70.7	70.9	70.9	71.1	71.1	71.1	71.1	71.1	71.2	71.2
≥ 4000	41.5	67.7	69.6	70.9	71.7	71.8	72.2	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.7	72.7
≥ 3500	42.2	69.5	71.4	72.8	73.6	73.8	74.1	74.3	74.4	74.5	74.5	74.6	74.6	74.6	74.6	74.6
≥ 3000	43.5	72.0	74.2	75.6	76.5	76.7	77.1	77.3	77.3	77.5	77.5	77.5	77.5	77.5	77.6	77.6
≥ 2500	44.9	75.6	78.0	79.5	80.5	80.6	81.1	81.4	81.4	81.5	81.6	81.6	81.6	81.6	81.6	81.6
≥ 2000	46.3	78.8	81.4	83.0	84.1	84.4	84.9	85.2	85.2	85.4	85.4	85.4	85.4	85.4	85.5	85.5
≥ 1800	46.5	79.6	82.2	83.8	85.0	85.3	85.8	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.4	86.4
≥ 1500	47.1	81.7	84.5	86.3	87.5	87.8	88.4	88.7	88.8	88.9	88.9	89.0	89.0	89.0	89.0	89.0
≥ 1200	47.5	83.1	86.1	88.0	89.4	89.8	90.5	90.9	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.1
≥ 1000	47.7	83.9	87.2	89.3	90.9	91.3	92.0	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.7	92.7
≥ 900	47.8	84.6	87.9	90.1	91.8	92.3	93.1	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.8	93.8
≥ 800	48.0	85.0	88.5	90.9	92.8	93.4	94.2	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.9	94.9
≥ 700	48.0	85.2	88.8	91.3	93.4	94.0	94.9	95.3	95.3	95.5	95.5	95.5	95.5	95.6	95.6	95.6
≥ 600	48.1	85.5	89.2	92.0	94.4	95.0	96.0	96.5	96.5	96.7	96.7	96.7	96.7	96.8	96.8	96.8
≥ 500	48.2	85.6	89.5	92.4	95.0	95.7	96.9	97.5	97.5	97.8	97.9	97.9	97.9	97.9	98.0	98.0
≥ 400	48.2	85.7	89.6	92.6	95.3	96.2	97.4	98.1	98.3	98.5	98.7	98.7	98.7	98.8	98.8	98.8
≥ 300	48.2	85.8	89.7	92.6	95.4	96.3	97.6	98.4	98.6	98.7	99.0	99.3	99.4	99.6	99.7	99.7
≥ 200	48.2	85.8	89.7	92.6	95.4	96.3	97.6	98.4	98.6	98.7	99.0	99.3	99.4	99.6	99.7	99.7
≥ 100	48.2	85.8	89.7	92.6	95.4	96.3	97.6	98.5	98.8	99.1	99.5	99.5	99.7	99.8	99.9	99.9
≥ 0	48.2	85.8	89.7	92.6	95.4	96.3	97.6	98.5	98.8	99.1	99.5	99.5	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 6767

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

123316

COLUMBUS AFB MS

70,73-81

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	24.7	48.9	50.5	50.9	51.1	51.1	51.1	51.2	51.2	51.2	51.2	51.3	51.3	51.3	51.3	51.4
≥ 20000	26.9	53.4	55.3	55.8	56.0	56.0	56.0	56.1	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.3
≥ 18000	27.2	53.8	55.6	56.1	56.3	56.3	56.3	56.5	56.5	56.5	56.5	56.6	56.6	56.6	56.6	56.7
≥ 16000	27.3	53.9	55.8	56.3	56.6	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.8	56.8	56.8	56.9
≥ 14000	28.3	54.9	56.9	57.4	57.6	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.8	57.8	57.8	58.0
≥ 12000	28.8	55.5	57.4	58.0	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.5
≥ 10000	30.5	58.7	60.6	61.2	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.7
≥ 9000	31.2	59.5	61.4	61.9	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.5
≥ 8000	32.7	62.2	64.2	64.9	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.5
≥ 7000	33.4	63.8	65.9	66.7	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.1	67.1	67.1	67.1	67.2
≥ 6000	33.3	65.3	67.7	68.5	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.9	68.9	68.9	68.9	69.0
≥ 5000	34.5	66.9	69.7	71.0	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.7
≥ 4500	35.9	68.8	71.8	73.2	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.9	73.9	73.9	73.9	74.0
≥ 4000	36.1	70.4	73.4	74.8	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.7
≥ 3500	36.6	71.3	74.3	75.7	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.5	76.5	76.5	76.5	76.6
≥ 3000	38.0	73.2	76.6	78.1	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.8	78.8	78.8	78.9
≥ 2500	39.0	77.0	80.3	82.4	83.0	83.0	83.0	83.3	83.3	83.3	83.3	83.3	83.4	83.4	83.4	83.5
≥ 2000	39.9	79.5	82.9	85.2	85.9	85.9	86.1	86.2	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.5
≥ 1800	40.1	80.0	83.4	85.7	86.5	86.5	86.7	86.8	86.8	86.8	86.8	86.8	86.9	86.9	86.9	87.0
≥ 1500	40.4	81.9	85.6	88.1	88.9	89.0	89.4	89.5	89.5	89.5	89.5	89.5	89.6	89.6	89.6	89.7
≥ 1200	41.2	84.2	87.8	90.6	91.6	91.7	92.2	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.5
≥ 1000	41.3	85.3	89.0	91.8	92.8	92.9	93.3	93.4	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.7
≥ 900	41.3	85.5	89.2	92.0	93.0	93.2	93.7	93.8	93.8	93.8	93.8	93.8	93.9	93.9	93.9	94.0
≥ 800	41.3	86.0	89.8	92.7	94.0	94.2	94.6	94.7	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.9
≥ 700	41.5	86.8	90.6	93.7	94.9	95.4	95.8	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.1
≥ 600	41.6	87.2	91.1	94.3	95.7	96.2	97.0	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.3
≥ 500	41.6	87.3	91.3	94.7	96.1	96.8	97.6	97.8	97.8	97.8	98.0	98.1	98.2	98.2	98.2	98.3
≥ 400	41.6	87.4	91.5	95.1	96.7	97.5	98.4	98.7	98.8	98.8	98.9	99.0	99.1	99.1	99.1	99.2
≥ 300	41.6	87.4	91.5	95.1	96.7	97.5	98.4	98.8	98.9	98.9	99.1	99.2	99.4	99.5	99.5	99.5
≥ 200	41.6	87.4	91.5	95.1	96.7	97.6	98.5	98.9	99.0	99.0	99.2	99.4	99.5	99.5	99.5	99.8
≥ 100	41.6	87.4	91.6	95.2	96.8	97.7	98.6	99.0	99.1	99.1	99.4	99.5	99.6	99.6	99.6	100.0
≥ 0	41.6	87.4	91.6	95.2	96.8	97.7	98.6	99.0	99.1	99.1	99.4	99.5	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC FORM 0-14-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723336

COLUMBUS AFB MS

70,73-81

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.G.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	17.3	39.6	42.4	43.8	44.2	44.2	44.3	44.5	44.7	44.8	44.9	45.1	45.2	45.3	45.3	45.4
≥ 20000	19.0	44.0	46.9	48.5	48.9	48.9	49.0	49.2	49.5	49.6	49.8	49.9	50.1	50.2	50.2	50.3
≥ 18000	19.1	44.1	47.1	48.8	49.2	49.2	49.4	49.6	49.8	49.9	50.1	50.2	50.4	50.5	50.5	50.6
≥ 16000	19.8	44.8	47.8	49.6	50.0	50.0	50.1	50.3	50.5	50.6	50.9	51.0	51.2	51.3	51.3	51.4
≥ 14000	20.9	46.2	49.2	51.0	51.4	51.4	51.5	51.7	51.9	52.0	52.3	52.4	52.6	52.7	52.7	52.8
≥ 12000	21.6	47.6	51.0	52.7	53.1	53.1	53.2	53.4	53.7	53.8	54.0	54.1	54.3	54.4	54.4	54.5
≥ 10000	22.0	49.2	52.6	54.3	54.7	54.7	54.8	55.1	55.3	55.4	55.6	55.7	55.9	56.0	56.0	56.1
≥ 9000	22.9	50.5	53.9	55.6	56.0	56.0	56.1	56.3	56.6	56.7	56.9	57.0	57.2	57.3	57.3	57.4
≥ 8000	23.9	52.9	56.3	58.1	58.5	58.5	58.6	58.8	59.0	59.1	59.4	59.5	59.7	59.8	59.8	59.9
≥ 7000	24.3	54.5	58.0	59.7	60.1	60.1	60.2	60.4	60.6	60.8	61.0	61.1	61.3	61.4	61.4	61.5
≥ 6000	25.1	56.5	60.0	61.7	62.2	62.2	62.4	62.6	62.8	62.9	63.1	63.2	63.4	63.5	63.5	63.7
≥ 5000	25.2	58.3	61.9	63.9	64.3	64.3	64.5	64.7	64.9	65.1	65.3	65.4	65.6	65.7	65.7	65.8
≥ 4500	25.3	60.0	63.7	65.9	66.5	66.5	66.7	66.9	67.1	67.2	67.4	67.5	67.7	67.8	67.8	68.0
≥ 4000	25.7	61.2	64.8	67.1	67.6	67.6	67.8	68.1	68.3	68.4	68.6	68.7	68.9	69.0	69.0	69.1
≥ 3500	26.0	61.8	65.8	68.2	68.7	68.7	68.9	69.1	69.4	69.5	69.7	69.8	70.0	70.1	70.1	70.2
≥ 3000	26.8	63.7	67.7	70.5	71.2	71.2	71.4	71.6	71.8	71.9	72.2	72.3	72.5	72.6	72.6	72.7
≥ 2500	27.6	67.1	71.6	74.6	75.3	75.3	75.7	75.9	76.1	76.2	76.5	76.6	76.8	76.9	76.9	77.0
≥ 2000	29.2	72.0	76.8	79.9	80.5	80.5	81.4	81.6	81.8	81.9	82.2	82.3	82.5	82.6	82.6	82.7
≥ 1800	29.9	72.5	77.2	80.3	81.0	81.3	81.8	82.0	82.3	82.4	82.6	82.7	82.9	83.0	83.0	83.1
≥ 1500	30.9	76.2	81.1	84.2	84.9	85.3	85.9	86.5	86.7	86.8	87.0	87.1	87.3	87.4	87.4	87.5
≥ 1200	31.8	78.8	83.8	86.9	87.7	88.2	88.8	89.4	89.6	89.7	89.9	90.0	90.2	90.3	90.3	90.4
≥ 1000	32.0	80.6	85.6	88.9	89.8	90.2	90.9	91.4	91.6	91.7	91.9	92.0	92.3	92.4	92.4	92.5
≥ 900	32.0	81.0	85.9	89.2	90.2	90.6	91.3	91.8	92.0	92.2	92.4	92.5	92.7	92.8	92.8	92.9
≥ 800	32.0	81.8	86.8	90.1	91.1	91.5	92.3	92.8	93.0	93.1	93.3	93.4	93.7	93.8	93.8	93.9
≥ 700	32.0	81.9	86.9	90.2	91.3	91.7	92.5	93.0	93.2	93.3	93.5	93.7	94.0	94.1	94.1	94.2
≥ 600	32.2	82.7	88.0	91.7	93.0	93.4	94.2	94.7	94.9	95.1	95.3	95.4	95.7	95.8	95.8	95.9
≥ 500	32.2	83.0	88.4	92.4	93.8	94.3	95.3	95.8	96.0	96.1	96.3	96.5	96.8	96.9	96.9	97.0
≥ 400	32.2	83.1	88.6	92.7	94.4	95.1	96.5	97.2	97.5	97.6	97.8	98.0	98.3	98.4	98.4	98.6
≥ 300	32.2	83.2	88.7	92.8	94.5	95.2	96.6	97.4	97.8	98.0	98.2	98.3	98.6	98.7	98.7	98.9
≥ 200	32.2	83.4	88.9	93.0	94.7	95.4	96.8	97.7	98.2	98.3	98.6	98.7	99.0	99.1	99.5	99.7
≥ 100	32.2	83.4	88.9	93.0	94.7	95.4	96.8	97.7	98.2	98.3	98.6	98.7	99.0	99.1	99.5	100.0
≥ 0	32.2	83.4	88.9	93.0	94.7	95.4	96.8	97.7	98.2	98.3	98.6	98.7	99.0	99.1	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723336

COLUMBUS AFB MS

70,73-81

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

3600-3800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING	18.0	32.4	34.4	35.2	36.6	37.3	37.5	37.8	37.8	38.1	38.1	38.2	38.3	38.3	38.3	38.5
≥ 20000	19.8	37.1	39.7	41.0	42.6	43.3	43.5	44.0	44.0	44.2	44.2	44.3	44.4	44.5	44.6	44.8
≥ 18000	19.9	37.3	39.9	41.2	42.8	43.5	43.8	44.2	44.2	44.4	44.4	44.5	44.6	44.7	44.8	45.1
≥ 16000	20.5	38.0	40.8	42.0	43.7	44.4	44.6	45.1	45.1	45.3	45.3	45.4	45.5	45.6	45.7	45.9
≥ 14000	21.4	39.1	41.9	43.3	44.9	45.7	45.9	46.3	46.3	46.6	46.6	46.7	46.8	46.9	47.0	47.2
≥ 12000	22.6	41.6	44.7	46.1	47.7	48.5	48.7	49.1	49.1	49.4	49.4	49.5	49.6	49.7	49.8	50.0
≥ 10000	24.0	44.4	47.7	49.1	50.8	51.5	51.7	52.2	52.2	52.4	52.4	52.5	52.6	52.7	52.8	53.0
≥ 9000	24.9	45.9	49.2	50.6	52.3	53.0	53.2	53.7	53.7	53.9	53.9	54.0	54.1	54.2	54.3	54.5
≥ 8000	26.5	49.0	52.7	54.3	56.0	56.8	57.0	57.4	57.4	57.6	57.6	57.7	57.8	58.0	58.1	58.3
≥ 7000	27.0	50.5	54.2	55.8	57.5	58.4	58.6	59.0	59.1	59.4	59.4	59.5	59.6	59.7	59.8	60.0
≥ 6000	27.6	52.3	55.9	57.5	59.2	60.1	60.4	61.0	61.1	61.4	61.4	61.5	61.6	61.7	61.8	62.0
≥ 5000	28.7	54.3	58.0	59.7	61.4	62.3	62.6	63.1	63.2	63.5	63.5	63.7	63.8	63.9	64.0	64.2
≥ 4500	29.2	55.6	59.4	61.2	62.9	63.8	64.2	64.7	64.8	65.2	65.2	65.3	65.4	65.5	65.6	65.8
≥ 4000	29.7	56.8	60.5	62.4	64.1	64.9	65.4	66.0	66.1	66.5	66.5	66.6	66.7	66.8	66.9	67.1
≥ 3500	30.3	58.1	61.8	63.7	65.4	66.2	66.7	67.3	67.4	67.7	67.7	67.8	68.0	68.1	68.2	68.4
≥ 3000	31.1	60.1	64.0	65.9	67.7	68.6	69.0	69.7	69.8	70.1	70.1	70.2	70.3	70.4	70.5	70.8
≥ 2500	32.0	62.2	66.1	68.2	70.3	71.3	71.8	72.5	72.6	72.9	72.9	73.0	73.1	73.2	73.3	73.7
≥ 2000	34.0	66.6	70.9	72.9	75.2	76.5	77.2	77.8	78.1	78.4	78.4	78.5	78.7	78.8	78.9	79.2
≥ 1800	34.1	67.3	71.7	73.8	76.1	77.4	78.2	78.8	79.0	79.4	79.4	79.5	79.7	79.8	79.9	80.2
≥ 1500	35.1	70.6	75.3	77.5	79.9	81.2	82.0	82.7	82.9	83.2	83.2	83.3	83.5	83.7	83.8	84.1
≥ 1200	35.9	72.7	77.7	80.2	82.9	84.2	85.1	85.7	85.9	86.2	86.2	86.3	86.6	86.7	86.8	87.1
≥ 1000	36.0	74.6	80.0	82.6	85.4	87.1	88.1	88.8	89.0	89.4	89.4	89.5	89.7	89.8	89.9	90.2
≥ 900	36.0	74.8	80.3	82.9	85.8	87.5	88.5	89.4	89.6	89.9	89.9	90.0	90.2	90.3	90.4	90.8
≥ 800	36.3	76.2	81.9	84.6	87.5	89.2	90.3	91.3	91.5	91.8	91.8	91.9	92.2	92.3	92.4	92.7
≥ 700	36.5	76.8	82.6	85.4	88.5	90.3	91.4	92.4	92.6	92.9	92.9	93.0	93.2	93.3	93.4	93.8
≥ 600	36.5	77.3	83.1	86.1	89.8	91.6	92.8	93.9	94.1	94.4	94.4	94.5	94.7	94.8	94.9	95.3
≥ 500	36.8	78.0	83.8	87.0	90.9	92.8	94.1	95.3	95.5	95.8	95.8	95.9	96.1	96.2	96.3	96.7
≥ 400	36.6	78.1	83.9	87.1	91.2	93.3	94.8	96.2	96.5	96.8	96.9	97.0	97.2	97.3	97.4	98.1
≥ 300	36.8	78.4	84.2	87.4	91.5	93.7	95.2	96.7	97.0	97.3	97.6	98.2	98.5	98.6	98.8	99.6
≥ 200	36.8	78.4	84.2	87.4	91.5	93.7	95.2	96.7	97.0	97.3	97.7	98.4	98.9	99.0	99.2	100.0
≥ 100	36.8	78.4	84.2	87.4	91.5	93.7	95.2	96.7	97.0	97.3	97.7	98.4	98.9	99.0	99.2	100.0
≥ 0	36.8	78.4	84.2	87.4	91.5	93.7	95.2	96.7	97.0	97.3	97.7	98.4	98.9	99.0	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7233-6

COLUMBUS AFB MS

70,73-81

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

9900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	30.6	38.2	38.6	38.6	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
≥ 20000	34.3	44.1	44.7	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
≥ 18000	34.7	44.7	45.4	45.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
≥ 16000	34.7	44.9	45.6	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 14000	35.4	46.5	47.1	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 12000	36.6	48.5	49.1	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 10000	38.6	51.4	52.2	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 9000	39.6	52.7	53.4	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 8000	41.1	55.1	55.9	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 7000	42.9	57.6	58.5	58.7	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 6000	43.9	58.8	59.9	60.1	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 5000	44.8	60.5	61.6	62.0	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 4500	45.1	60.9	61.9	62.5	62.6	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 4000	45.8	62.7	63.9	64.4	64.5	64.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 3500	46.9	64.3	65.5	66.1	66.2	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 3000	48.5	66.7	67.8	68.5	68.6	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 2500	51.4	70.6	72.0	72.8	73.1	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 2000	52.5	73.2	74.7	75.8	76.3	76.9	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 1800	53.4	74.5	76.1	77.2	77.8	78.4	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 1500	55.5	78.4	80.3	81.6	82.3	82.8	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 1200	56.9	81.1	83.5	85.1	85.8	86.3	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 1000	58.0	83.2	86.2	88.0	89.0	89.9	90.3	90.6	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 900	58.1	84.2	87.4	89.1	90.2	91.2	91.6	92.0	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4
≥ 800	58.1	84.8	88.6	90.3	91.5	92.6	93.2	93.7	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.0
≥ 700	58.5	85.7	89.5	91.4	92.7	93.9	94.6	95.1	95.2	95.3	95.5	95.5	95.5	95.5	95.5	95.5
≥ 600	58.7	86.3	90.4	92.7	94.0	95.3	96.2	96.8	97.0	97.1	97.3	97.3	97.3	97.3	97.3	97.3
≥ 500	58.7	86.6	90.8	93.1	94.4	95.7	96.8	97.4	97.7	98.0	98.3	98.4	98.4	98.4	98.4	98.4
≥ 400	58.7	86.6	90.8	93.1	94.4	96.1	97.3	98.1	98.4	98.6	98.9	99.0	99.1	99.1	99.1	99.1
≥ 300	58.7	86.6	90.8	93.1	94.7	96.2	97.4	98.3	98.7	99.0	99.5	99.6	99.7	99.7	99.7	99.7
≥ 200	58.7	86.6	90.8	93.1	94.7	96.2	97.4	98.3	98.7	99.0	99.6	99.7	99.8	99.8	99.9	100.0
≥ 100	58.7	86.6	90.8	93.1	94.7	96.2	97.4	98.3	98.7	99.0	99.6	99.7	99.8	99.8	99.9	100.0
≥ 0	58.7	86.6	90.8	93.1	94.7	96.2	97.4	98.3	98.7	99.0	99.6	99.7	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723326

COLUMBUS AFB MS

70,73-81

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	36.7	41.0	41.0	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
≥ 20000	44.7	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 18000	44.4	51.7	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 16000	44.7	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 14000	46.9	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 12000	48.9	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 10000	49.7	59.0	59.0	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 9000	50.2	59.6	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 8000	51.7	61.9	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 7000	53.4	64.4	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 6000	53.9	65.4	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 5000	55.2	67.3	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 4500	55.6	68.0	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 4000	57.0	69.7	69.8	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 3500	58.9	72.0	72.2	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 3000	61.2	75.5	75.6	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 2500	63.7	79.0	79.4	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 2000	65.9	83.1	83.4	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 1800	66.5	84.2	84.5	84.9	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1500	67.1	87.5	88.1	88.7	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1200	67.7	89.6	90.4	91.4	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1000	67.8	90.2	91.5	92.7	93.4	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.9	93.9
≥ 900	68.0	90.4	91.7	92.9	93.9	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.4
≥ 800	68.1	91.5	93.1	94.6	95.6	95.8	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2
≥ 700	68.3	92.2	94.0	95.7	96.9	97.3	97.5	97.5	97.6	97.7	97.7	97.7	97.7	97.8	97.8	97.8
≥ 600	68.4	92.7	94.5	96.5	97.8	98.4	98.7	98.7	98.8	98.9	98.9	98.9	98.9	99.0	99.0	99.0
≥ 500	68.4	93.0	94.9	96.9	98.4	98.9	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥ 400	68.4	93.0	94.9	97.0	98.5	99.1	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 300	68.4	93.0	94.9	97.0	98.5	99.2	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	68.4	93.0	94.9	97.0	98.5	99.2	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	68.4	93.0	94.9	97.0	98.5	99.2	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	68.4	93.0	94.9	97.0	98.5	99.2	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723306

COLUMBUS AFB MS

70,73-81

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	39.6	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 20000	46.3	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 18000	47.2	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 16000	47.7	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 14000	48.9	56.3	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 12000	51.2	59.2	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 10000	52.6	61.4	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 9000	53.2	62.3	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 8000	55.9	65.6	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 7000	56.8	67.8	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 6000	58.1	69.5	69.7	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 5000	58.9	71.0	71.2	71.3	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 4500	59.6	71.8	72.0	72.2	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 4000	61.0	74.7	75.2	75.3	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 3500	63.4	77.6	78.1	78.2	78.3	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 3000	65.2	80.8	81.2	81.3	81.5	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 2500	67.6	84.7	85.6	85.9	86.2	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 2000	68.7	87.1	88.1	88.6	89.0	89.2	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1800	68.7	87.3	88.4	88.9	89.4	89.6	89.8	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1500	69.1	89.6	90.6	91.5	91.9	92.2	92.5	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1200	69.2	90.8	92.0	93.0	93.4	93.7	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1000	69.6	91.7	93.1	94.2	94.7	94.9	95.4	95.5	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.8
≥ 900	69.6	91.9	93.3	94.4	94.9	95.2	95.6	95.7	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0
≥ 800	69.7	92.5	93.9	94.9	95.7	96.1	96.6	96.7	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1
≥ 700	69.7	92.9	94.3	95.6	96.5	96.9	97.3	97.4	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8
≥ 600	70.0	93.3	94.8	96.1	97.1	97.5	98.3	98.4	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8
≥ 500	70.0	93.5	95.3	96.6	97.5	98.0	98.8	99.0	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5
≥ 400	70.0	93.7	95.4	97.0	98.0	98.4	99.2	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 300	70.0	93.7	95.4	97.0	98.0	98.4	99.2	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	70.0	93.7	95.4	97.0	98.0	98.4	99.2	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	70.0	93.7	95.4	97.0	98.0	98.4	99.2	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	70.0	93.7	95.4	97.0	98.0	98.4	99.2	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATL WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

123316

COLUMBUS AFB MS

70,73-81

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.A.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	37.0	48.0	48.0	48.0	48.0	48.0	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.2	48.2
≥ 20000	43.9	57.2	57.2	57.2	57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.4	57.4
≥ 18000	44.4	58.1	58.1	58.1	58.1	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.3	58.3
≥ 16000	44.9	58.6	58.6	58.6	58.6	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.8	58.8
≥ 14000	46.5	60.4	60.4	60.4	60.4	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.6	60.6
≥ 12000	46.9	61.8	61.8	61.8	61.8	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.0	62.0
≥ 10000	48.4	64.0	64.0	64.0	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.2	64.2
≥ 9000	48.9	65.1	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.3	65.3
≥ 8000	51.0	68.0	68.0	68.0	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.2	68.2
≥ 7000	52.0	69.9	70.0	70.0	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.2	70.2
≥ 6000	53.3	71.3	71.4	71.5	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.8	71.8
≥ 5000	54.2	73.4	73.5	74.0	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.4	74.4
≥ 4500	54.6	74.0	74.2	74.7	74.9	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.2	75.2
≥ 4000	56.3	77.1	77.4	78.0	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.5	78.5
≥ 3500	57.5	79.5	79.9	80.4	80.8	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.1
≥ 3000	58.4	82.8	83.4	84.0	84.3	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.6	84.6
≥ 2500	59.1	85.7	86.3	87.0	87.4	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.8	87.8
≥ 2000	59.6	87.1	87.7	88.6	89.1	89.4	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.9	89.9
≥ 1800	59.6	87.3	88.0	88.8	89.4	89.6	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.1	90.1
≥ 1500	60.2	89.7	90.5	91.7	92.4	92.7	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.3	93.3
≥ 1200	60.4	90.5	91.4	92.6	93.3	93.7	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3
≥ 1000	60.4	91.0	91.9	93.1	93.9	94.3	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.1	95.1
≥ 900	60.4	91.2	92.2	93.3	94.1	94.5	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.5	95.5
≥ 800	60.5	91.5	92.5	93.8	94.7	95.4	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.7	96.7
≥ 700	60.5	92.0	93.0	94.4	95.5	96.2	97.1	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.6	97.6
≥ 600	60.5	92.3	93.2	94.8	96.0	96.8	97.6	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.4	98.4
≥ 500	60.5	92.6	93.5	95.2	96.3	97.3	98.2	98.6	98.6	98.8	98.9	98.9	98.9	98.9	99.0	99.0
≥ 400	60.5	92.7	93.8	95.4	96.6	97.5	98.6	99.1	99.1	99.4	99.5	99.5	99.5	99.5	99.6	99.6
≥ 300	60.5	92.7	93.8	95.5	96.7	97.6	98.7	99.2	99.2	99.5	99.7	99.7	99.7	99.7	99.8	99.8
≥ 200	60.5	92.7	93.8	95.6	96.9	97.8	98.9	99.5	99.5	99.7	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	60.5	92.7	93.8	95.6	96.9	97.8	98.9	99.5	99.5	99.7	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	60.5	92.7	93.8	95.6	96.9	97.8	98.9	99.5	99.5	99.7	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723306

COLUMBUS AFB MS

70,73-81

MAP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥3/16	≥¼	≥0
NO CEILING	30.9	51.4	51.6	51.7	52.2	52.2	52.2	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 20000	34.5	56.9	57.2	57.3	57.7	57.7	57.7	57.8	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 18000	34.9	58.2	58.5	58.6	59.0	59.0	59.0	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 16000	35.3	58.5	58.8	58.9	59.4	59.4	59.4	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 14000	36.0	59.5	59.8	59.9	60.3	60.3	60.3	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 12000	37.1	61.4	61.7	61.8	62.3	62.3	62.3	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 10000	38.4	64.4	64.7	64.8	65.3	65.3	65.3	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 9000	38.8	65.1	65.6	65.7	66.1	66.1	66.1	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 8000	40.4	68.2	68.7	68.8	69.2	69.2	69.2	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 7000	41.0	69.4	70.4	70.6	71.1	71.1	71.1	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 6000	41.1	69.9	71.1	71.4	71.8	71.8	71.8	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 5000	42.2	71.4	72.8	73.2	73.9	73.9	73.9	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 4500	42.6	72.3	73.8	74.2	74.8	74.8	74.8	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 4000	43.3	74.5	76.0	76.6	77.2	77.2	77.2	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 3500	43.9	75.8	77.3	77.8	78.5	78.5	78.5	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 3000	45.8	79.0	80.6	81.3	81.9	81.9	81.9	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 2500	46.7	82.5	84.5	85.3	86.0	86.0	86.0	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 2000	47.2	84.7	87.0	88.0	89.1	89.2	89.4	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 1800	47.2	85.4	87.7	88.7	89.9	90.0	90.2	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 1500	47.8	87.2	89.8	90.8	92.0	92.2	92.4	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1200	48.5	88.4	91.0	91.9	93.2	93.3	93.7	93.8	93.8	94.0	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1000	48.5	89.0	91.7	93.0	94.4	94.5	94.8	94.9	94.9	95.2	95.3	95.3	95.3	95.3	95.3	95.3
≥ 900	48.5	89.0	91.8	93.1	94.8	94.9	95.3	95.4	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7
≥ 800	48.6	89.5	92.4	93.7	95.5	95.6	95.9	96.0	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.3
≥ 700	48.6	89.7	92.8	94.2	96.1	96.3	96.7	96.8	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.1
≥ 600	48.6	89.9	93.1	94.5	96.6	97.0	97.5	97.6	97.6	97.8	98.0	98.0	98.0	98.0	98.0	98.0
≥ 500	48.6	90.0	93.4	95.2	97.2	97.6	98.5	98.6	98.6	98.8	99.0	99.0	99.0	99.0	99.0	99.0
≥ 400	48.6	90.0	93.4	95.3	97.3	97.8	98.8	98.9	98.9	99.2	99.5	99.6	99.7	99.7	99.7	99.7
≥ 300	48.6	90.0	93.4	95.3	97.3	97.8	98.8	98.9	98.9	99.2	99.5	99.6	99.8	99.8	99.8	99.8
≥ 200	48.6	90.0	93.4	95.3	97.3	97.8	98.8	98.9	98.9	99.2	99.5	99.6	99.8	99.9	99.9	100.0
≥ 100	48.6	90.0	93.4	95.3	97.3	97.8	98.8	98.9	98.9	99.2	99.5	99.6	99.8	99.9	99.9	100.0
≥ 0	48.6	90.0	93.4	95.3	97.3	97.8	98.8	98.9	98.9	99.2	99.5	99.6	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

728314

COLUMBUS AFB MS

70,73-81

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 0
NO CEILING	29.3	42.9	43.8	44.1	44.4	44.5	44.6	44.7	44.7	44.8	44.8	44.8	44.9	44.9	44.9
≥ 20000	33.6	49.6	50.6	51.1	51.5	51.5	51.6	51.7	51.7	51.8	51.8	51.9	51.9	51.9	52.0
≥ 18000	34.0	50.3	51.3	51.8	52.2	52.3	52.3	52.4	52.5	52.5	52.5	52.6	52.6	52.7	52.7
≥ 16000	34.4	50.8	51.8	52.3	52.7	52.8	52.8	52.9	53.0	53.0	53.0	53.1	53.1	53.2	53.2
≥ 14000	35.5	52.2	53.3	53.8	54.2	54.2	54.3	54.4	54.4	54.5	54.5	54.6	54.6	54.7	54.7
≥ 12000	36.7	54.1	55.3	55.8	56.1	56.2	56.3	56.4	56.4	56.5	56.5	56.5	56.6	56.6	56.7
≥ 10000	38.0	56.6	57.8	58.3	58.7	58.8	58.8	58.9	59.0	59.0	59.0	59.1	59.1	59.2	59.2
≥ 9000	38.7	57.6	58.8	59.3	59.7	59.8	59.8	59.9	60.0	60.0	60.1	60.1	60.1	60.2	60.2
≥ 8000	40.3	60.3	61.7	62.3	62.6	62.7	62.8	62.9	62.9	63.0	63.0	63.0	63.1	63.1	63.2
≥ 7000	41.4	62.2	63.7	64.3	64.6	64.7	64.8	64.9	65.0	65.0	65.0	65.1	65.1	65.2	65.2
≥ 6000	42.0	63.6	65.1	65.8	66.1	66.3	66.3	66.5	66.5	66.6	66.6	66.7	66.7	66.7	66.8
≥ 5000	43.0	65.4	67.0	67.8	68.3	68.4	68.5	68.6	68.7	68.7	68.8	68.8	68.8	68.9	68.9
≥ 4500	43.5	66.4	68.1	69.0	69.5	69.6	69.7	69.9	69.9	70.0	70.0	70.0	70.1	70.1	70.2
≥ 4000	44.4	68.4	70.1	71.1	71.6	71.7	71.9	72.0	72.0	72.1	72.1	72.2	72.2	72.3	72.3
≥ 3500	45.4	70.1	71.9	72.8	73.3	73.5	73.6	73.8	73.8	73.9	73.9	74.0	74.0	74.0	74.1
≥ 3000	46.7	72.7	74.6	75.7	76.2	76.4	76.6	76.7	76.7	76.8	76.8	76.9	76.9	77.0	77.0
≥ 2500	48.4	76.1	78.2	79.5	80.1	80.4	80.6	80.7	80.8	80.8	80.9	80.9	80.9	81.0	81.1
≥ 2000	49.6	79.2	81.4	82.8	83.6	84.0	84.3	84.4	84.5	84.6	84.6	84.7	84.7	84.8	84.8
≥ 1800	49.9	79.8	82.1	83.5	84.4	84.7	85.0	85.2	85.3	85.3	85.4	85.4	85.5	85.5	85.6
≥ 1500	50.4	82.6	85.2	86.8	87.7	88.1	88.4	88.6	88.7	88.8	88.8	88.9	88.9	89.0	89.0
≥ 1200	51.5	84.5	87.2	89.0	90.0	90.4	90.8	91.0	91.1	91.2	91.2	91.3	91.3	91.3	91.4
≥ 1000	51.7	85.7	88.6	90.5	91.7	92.2	92.6	92.9	93.0	93.1	93.2	93.2	93.3	93.3	93.4
≥ 900	51.7	86.0	89.0	90.9	92.1	92.7	93.2	93.5	93.6	93.7	93.7	93.8	93.8	93.9	94.0
≥ 800	51.8	86.7	89.9	91.8	93.2	93.8	94.4	94.7	94.8	94.9	95.0	95.0	95.1	95.1	95.2
≥ 700	52.0	87.2	90.5	92.6	94.0	94.8	95.4	95.7	95.8	95.9	96.0	96.0	96.1	96.2	96.3
≥ 600	52.1	87.7	91.0	93.3	95.0	95.8	96.5	96.9	97.0	97.2	97.2	97.3	97.4	97.4	97.5
≥ 500	52.1	88.0	91.4	93.9	95.6	96.4	97.3	97.7	97.9	98.1	98.2	98.2	98.3	98.4	98.4
≥ 400	52.1	88.1	91.5	94.1	95.9	96.9	97.9	98.4	98.6	98.8	98.9	99.0	99.1	99.1	99.3
≥ 300	52.1	88.1	91.6	94.1	96.0	97.0	98.0	98.6	98.8	99.0	99.2	99.3	99.4	99.5	99.7
≥ 200	52.1	88.1	91.6	94.2	96.0	97.0	98.1	98.6	98.9	99.1	99.3	99.4	99.6	99.7	99.9
≥ 100	52.1	88.1	91.6	94.2	96.0	97.0	98.1	98.7	98.9	99.1	99.3	99.4	99.6	99.7	100.0
≥ 0	52.1	88.1	91.6	94.2	96.0	97.0	98.1	98.7	98.9	99.1	99.3	99.4	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

CLIMATE CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1213.6

COLUMBUS AFB MS

70,73-81

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING	24.1	58.1	60.6	60.8	61.6	61.8	61.9	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.3	62.4
≥ 20000	26.6	64.6	67.0	67.2	68.0	68.3	68.4	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.9	69.0
≥ 18000	26.7	64.8	67.2	67.4	68.2	68.6	68.7	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.1	69.2
≥ 16000	27.0	65.4	67.9	68.1	68.9	69.2	69.3	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.8	69.9
≥ 14000	27.6	66.3	68.8	69.0	69.8	70.1	70.2	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.7	70.8
≥ 12000	28.3	67.8	70.2	70.4	71.2	71.6	71.7	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.1	72.2
≥ 10000	29.3	69.6	72.0	72.2	73.0	73.3	73.4	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.9	74.0
≥ 9000	29.3	69.9	72.4	72.7	73.4	73.8	73.9	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.3	74.4
≥ 8000	29.8	71.3	73.9	74.2	75.0	75.3	75.6	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.1	76.2
≥ 7000	30.7	73.2	75.8	76.2	77.0	77.3	77.6	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.1	78.2
≥ 6000	31.2	73.8	76.3	76.8	77.6	77.9	78.1	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.7	78.8
≥ 5000	31.8	75.2	78.7	78.7	79.6	79.9	80.1	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.7	80.8
≥ 4500	32.3	76.9	80.1	80.8	81.8	82.1	82.3	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.9	83.0
≥ 4000	33.0	78.3	81.6	82.2	83.3	83.7	83.9	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.4	84.6
≥ 3500	33.3	79.3	82.6	83.4	84.6	84.9	85.1	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.7	85.8
≥ 3000	33.7	80.1	83.3	84.4	85.6	85.9	86.1	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.7	86.8
≥ 2500	34.4	83.1	86.3	87.7	89.0	89.3	89.6	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.1	90.2
≥ 2000	35.0	84.3	87.9	89.3	90.8	91.1	91.3	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.9	92.0
≥ 1800	35.3	85.1	88.7	90.1	91.6	91.9	92.2	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.8	92.9
≥ 1500	35.9	86.1	90.1	91.7	93.2	93.6	93.9	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.4	94.6
≥ 1200	36.3	86.8	91.3	93.1	94.9	95.2	95.6	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.1	96.2
≥ 1000	36.3	87.2	91.9	93.8	95.6	95.9	96.3	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.9	97.0
≥ 900	36.3	87.8	92.4	94.6	96.3	96.7	97.1	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.8
≥ 800	36.3	88.0	92.7	94.8	96.6	97.1	97.6	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.2
≥ 700	36.3	88.2	92.9	95.0	96.8	97.4	97.9	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.6	98.7
≥ 600	36.3	88.4	93.1	95.3	97.1	97.8	98.2	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.1
≥ 500	36.3	88.4	93.1	95.4	97.2	97.9	98.3	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.2
≥ 400	36.3	88.6	93.2	95.6	97.7	98.3	98.8	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.7
≥ 300	36.3	88.6	93.2	95.6	97.7	98.4	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.8
≥ 200	36.3	88.6	93.2	95.6	97.7	98.4	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.8
≥ 100	36.3	88.6	93.2	95.6	97.7	98.4	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.9
≥ 0	36.3	88.6	93.2	95.6	97.7	98.4	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7233 86

COLUMBUS AFB MS

70, 73-81

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	15.7	49.7	53.1	55.4	56.7	57.2	57.7	57.9	58.0	58.0	58.0	58.0	58.1	58.1	58.2	58.2
≥ 20000	16.3	53.8	57.7	60.3	61.7	62.4	62.9	63.2	63.3	63.3	63.3	63.3	63.4	63.4	63.6	63.6
≥ 18000	16.3	53.8	57.7	60.3	61.7	62.4	62.9	63.2	63.3	63.3	63.3	63.3	63.4	63.4	63.6	63.6
≥ 16000	17.0	54.6	58.4	61.1	62.4	63.2	63.7	64.0	64.1	64.1	64.1	64.1	64.2	64.2	64.3	64.3
≥ 14000	17.6	55.4	59.6	62.2	63.6	64.3	64.8	65.1	65.2	65.2	65.2	65.2	65.3	65.3	65.4	65.4
≥ 12000	17.6	56.3	60.4	63.1	64.4	65.2	65.7	66.0	66.1	66.1	66.1	66.1	66.2	66.2	66.3	66.3
≥ 10000	19.0	59.1	63.2	65.9	67.2	68.0	68.4	68.8	68.9	68.9	68.9	68.9	69.0	69.0	69.1	69.1
≥ 9000	19.0	59.3	63.4	66.1	67.4	68.2	68.7	69.0	69.1	69.1	69.1	69.1	69.2	69.2	69.3	69.3
≥ 8000	19.1	60.9	65.3	68.2	69.7	70.4	71.0	71.3	71.4	71.4	71.4	71.4	71.6	71.6	71.7	71.7
≥ 7000	20.3	62.8	67.2	70.1	71.6	72.3	72.9	73.2	73.3	73.3	73.3	73.3	73.4	73.4	73.6	73.6
≥ 6000	20.3	64.0	68.8	71.7	73.1	73.9	74.4	74.8	74.9	74.9	74.9	74.9	75.0	75.0	75.1	75.1
≥ 5000	21.4	65.6	70.4	73.3	74.9	75.7	76.2	76.6	76.7	76.7	76.7	76.7	76.8	76.8	76.9	76.9
≥ 4500	21.5	66.9	72.0	74.9	76.4	77.2	77.8	78.1	78.2	78.2	78.2	78.2	78.3	78.3	78.4	78.4
≥ 4000	21.7	67.9	73.1	76.0	77.9	79.0	79.6	79.9	80.0	80.0	80.0	80.0	80.1	80.1	80.2	80.2
≥ 3500	21.9	68.6	73.8	76.7	78.6	79.7	80.2	80.6	80.7	80.7	80.7	80.7	80.8	80.8	80.9	80.9
≥ 3000	22.3	70.4	75.9	78.8	80.7	81.8	82.3	82.7	82.8	82.8	82.8	82.8	82.9	82.9	83.0	83.0
≥ 2500	22.9	72.6	78.3	81.9	83.9	85.0	85.6	85.9	86.0	86.0	86.0	86.0	86.1	86.1	86.2	86.2
≥ 2000	23.1	73.7	79.6	83.2	85.2	86.3	86.9	87.2	87.3	87.3	87.3	87.3	87.4	87.4	87.6	87.6
≥ 1800	23.1	74.4	80.3	84.0	86.0	87.1	87.7	88.0	88.1	88.1	88.1	88.1	88.2	88.2	88.3	88.3
≥ 1500	23.7	76.8	83.0	86.8	88.8	90.0	90.6	90.9	91.0	91.0	91.0	91.0	91.1	91.1	91.2	91.2
≥ 1200	24.1	78.6	85.2	89.2	91.3	92.6	93.1	93.4	93.6	93.6	93.6	93.6	93.7	93.7	93.8	93.8
≥ 1000	24.1	79.7	86.7	90.9	93.2	94.4	95.0	95.4	95.7	95.7	95.7	95.7	95.8	95.8	95.9	95.9
≥ 900	24.1	80.1	87.3	91.6	94.0	95.2	95.8	96.2	96.4	96.4	96.4	96.4	96.6	96.6	96.7	96.7
≥ 800	24.1	80.2	87.7	92.0	94.4	95.8	96.3	96.8	97.0	97.0	97.0	97.0	97.1	97.1	97.2	97.2
≥ 700	24.2	80.4	88.0	92.3	94.8	96.3	96.9	97.3	97.6	97.6	97.6	97.6	97.7	97.7	97.8	97.8
≥ 600	24.2	80.7	88.3	92.8	95.3	96.9	97.4	97.9	98.1	98.1	98.1	98.1	98.2	98.2	98.3	98.3
≥ 500	24.2	80.9	88.6	93.2	95.9	97.6	98.1	98.6	98.8	98.8	98.8	98.8	98.9	98.9	99.0	99.0
≥ 400	24.2	81.1	88.8	93.7	96.3	98.0	98.6	99.0	99.2	99.2	99.2	99.2	99.3	99.3	99.4	99.4
≥ 300	24.2	81.1	88.8	93.7	96.3	98.0	98.6	99.1	99.3	99.4	99.4	99.4	99.6	99.6	99.7	99.7
≥ 200	24.2	81.1	88.8	93.7	96.3	98.0	98.6	99.1	99.3	99.4	99.4	99.4	99.6	99.6	99.8	99.8
≥ 100	24.2	81.1	88.8	93.7	96.3	98.0	98.6	99.1	99.3	99.4	99.4	99.4	99.6	99.6	99.8	99.9
≥ 0	24.2	81.1	88.8	93.7	96.3	98.0	98.6	99.1	99.3	99.4	99.4	99.4	99.6	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723306

COLUMBUS AFB MS

70,73-81

APP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥3/16	≥¼	≥0
NO CEILING	22.7	44.1	46.2	47.2	48.0	48.4	48.7	48.9	49.0	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 20000	24.6	50.0	52.6	54.7	55.4	55.9	56.1	56.3	56.4	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 18000	25.1	51.0	53.6	55.7	56.4	56.9	57.1	57.3	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 16000	25.2	51.2	53.8	55.9	56.7	57.1	57.3	57.6	57.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 14000	25.6	52.0	54.6	56.7	57.4	57.9	58.1	58.3	58.4	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 12000	26.6	53.9	56.4	58.9	59.7	60.1	60.3	60.6	60.7	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 10000	27.1	56.0	58.8	61.2	62.1	62.6	62.8	63.0	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 9000	27.3	56.7	59.4	61.9	62.8	63.2	63.4	63.7	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 8000	28.1	60.0	63.1	65.9	66.8	67.4	67.7	68.0	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 7000	29.7	62.8	66.1	69.0	69.9	70.6	70.8	71.1	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 6000	30.0	64.0	67.7	70.7	71.7	72.3	72.6	72.9	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 5000	30.4	65.2	69.6	72.8	73.8	74.4	74.7	75.0	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 4500	30.7	65.6	70.1	73.3	74.3	75.0	75.2	75.6	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 4000	30.9	66.4	71.2	74.4	75.4	76.1	76.3	76.7	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 3500	31.4	67.3	72.1	75.3	76.4	77.1	77.3	77.7	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 3000	32.1	68.9	73.9	77.2	78.3	79.0	79.2	79.6	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 2500	32.9	70.7	76.1	79.6	80.7	81.4	81.7	82.0	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 2000	33.3	72.2	77.9	81.4	82.6	83.3	83.6	83.9	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 1800	33.9	73.2	78.9	82.4	83.6	84.3	84.6	84.9	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1500	34.1	75.1	81.4	85.2	86.4	87.2	87.4	87.8	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 1200	34.1	77.0	83.4	87.4	88.7	89.6	89.9	90.2	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 1000	34.1	77.8	84.6	88.6	90.2	91.1	91.4	91.8	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 900	34.2	78.7	85.4	89.4	91.1	92.0	92.3	92.7	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 800	34.2	79.3	86.4	90.7	92.3	93.4	93.8	94.4	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 700	34.2	79.8	87.0	91.3	93.1	94.2	94.6	95.2	95.3	95.6	95.6	95.6	95.6	95.6	95.7	95.7
≥ 600	34.3	80.0	87.3	92.0	94.0	95.1	95.6	96.2	96.3	96.6	96.6	96.6	96.6	96.6	96.7	96.7
≥ 500	34.4	80.7	88.1	92.8	95.1	96.2	96.7	97.4	97.7	97.9	97.9	97.9	97.9	97.9	98.0	98.0
≥ 400	34.6	80.9	88.3	93.0	95.3	96.4	97.0	97.9	98.2	98.4	98.4	98.4	98.4	98.4	98.6	98.6
≥ 300	34.6	80.9	88.3	93.1	95.6	96.7	97.3	98.2	98.7	98.9	98.9	98.9	98.9	98.9	99.1	99.1
≥ 200	34.6	80.9	88.3	93.1	95.6	96.7	97.3	98.3	98.9	99.1	99.2	99.2	99.2	99.2	99.6	99.7
≥ 100	34.6	80.9	88.3	93.1	95.6	96.7	97.3	98.3	99.0	99.2	99.3	99.3	99.3	99.4	99.8	100.0
≥ 0	34.6	80.9	88.3	93.1	95.6	96.7	97.3	98.3	99.0	99.2	99.3	99.3	99.3	99.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722376

COLUMBUS AFB MS

70,73-81

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥8	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	39.1	50.4	50.6	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 20000	44.4	58.4	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 18000	45.4	59.8	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 16000	46.3	60.8	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 14000	46.6	61.7	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 12000	46.9	62.8	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 10000	47.8	64.8	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 9000	47.8	65.2	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 8000	49.6	67.6	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 7000	50.2	69.1	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 6000	51.1	70.3	70.9	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 5000	51.8	71.8	72.6	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 4500	52.2	72.6	73.4	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 4000	53.6	75.0	75.9	76.2	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 3500	54.2	76.3	77.3	77.7	78.0	78.0	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 3000	55.0	77.7	78.8	79.1	79.4	79.4	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 2500	56.4	81.2	82.6	82.9	83.2	83.2	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 2000	57.1	83.4	85.0	85.4	85.8	85.8	86.0	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 1800	57.3	84.2	85.9	86.3	86.8	86.8	87.0	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 1500	57.6	87.1	89.2	89.8	90.2	90.2	90.4	90.6	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1200	58.9	89.3	91.4	92.1	92.6	92.7	92.9	93.1	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1000	58.9	90.0	92.3	93.1	93.8	94.0	94.2	94.4	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 900	59.1	90.4	92.8	93.7	94.3	94.6	94.8	95.0	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 800	59.3	90.7	93.0	93.9	94.7	94.9	95.1	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 700	59.4	91.1	93.4	94.3	95.1	95.3	95.7	96.3	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 600	59.7	92.2	94.7	95.7	96.6	97.0	97.4	98.1	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	59.8	92.7	95.1	96.2	97.2	97.8	98.6	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	59.8	92.7	95.1	96.3	97.3	97.9	98.8	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	59.8	92.7	95.1	96.3	97.3	97.9	98.8	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	59.8	92.7	95.1	96.3	97.3	97.9	98.8	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	59.8	92.7	95.1	96.3	97.3	97.9	98.8	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	59.8	92.7	95.1	96.3	97.3	97.9	98.8	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723306

COLUMBUS AFB MS

70,73-81

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	42.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 20000	49.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 18000	49.9	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 16000	50.7	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 14000	51.9	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 12000	53.4	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 10000	55.4	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 9000	55.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 8000	56.4	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 7000	57.1	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 6000	57.8	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 5000	59.7	71.0	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 4500	60.0	72.2	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 4000	62.0	75.7	76.1	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 3500	65.2	80.0	80.6	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 3000	67.8	84.0	84.7	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 2500	69.9	87.6	88.3	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 2000	70.7	89.6	90.3	90.4	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1800	70.8	89.9	90.7	90.8	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1500	71.8	92.2	93.1	93.6	94.2	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1200	72.6	93.2	94.1	94.6	95.3	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1000	73.0	93.9	94.9	95.4	96.2	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 900	73.0	94.0	95.0	95.7	96.4	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 800	73.0	94.2	95.2	96.0	96.8	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 700	73.2	94.4	95.4	96.2	97.0	97.3	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 600	73.3	95.0	96.0	96.8	97.7	98.0	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	73.4	95.4	96.4	97.3	98.2	98.6	99.2	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6
≥ 400	73.4	95.6	96.6	97.4	98.3	98.7	99.3	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 300	73.4	95.6	96.6	97.4	98.3	98.7	99.3	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 200	73.4	95.6	96.6	97.4	98.3	98.7	99.3	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100	73.4	95.6	96.6	97.4	98.3	98.7	99.3	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0	73.4	95.6	96.6	97.4	98.3	98.7	99.3	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7233.6

COLUMBUS AFB MS

70, 73-81

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	48.2	52.9	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 20000	57.1	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
IV 18000	57.8	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
IV 16000	58.3	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
IV 14000	59.6	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
IV 12000	61.3	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
IV 10000	63.6	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
IV 9000	64.2	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
IV 8000	65.2	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
IV 7000	65.8	76.4	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 6000	66.3	77.3	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
IV 5000	67.0	78.2	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 4500	68.3	80.8	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 4000	70.8	84.1	84.7	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
IV 3500	71.8	86.4	87.1	87.4	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 3000	73.0	88.6	89.2	89.9	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 2500	74.4	91.6	92.2	93.0	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 2000	74.8	92.2	92.9	93.7	93.9	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3
IV 1800	74.8	92.2	93.0	93.8	94.0	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.4
IV 1500	75.1	93.0	93.9	95.0	95.2	95.2	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.9	95.9	95.9
IV 1200	75.4	94.0	94.9	96.0	96.2	96.2	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2
IV 1000	75.8	94.4	95.3	96.4	96.7	96.7	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7
IV 900	75.9	94.6	95.4	96.6	96.8	96.8	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8
IV 800	76.0	94.7	95.6	96.7	96.9	97.0	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.0	98.0	98.0
IV 700	76.0	94.8	95.7	96.8	97.0	97.2	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2
IV 600	76.0	94.9	95.8	97.0	97.3	97.7	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8
IV 500	76.1	95.3	96.2	97.6	97.9	98.3	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4
IV 400	76.1	95.6	96.4	97.8	98.1	98.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
IV 300	76.1	95.6	96.4	97.8	98.1	98.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 200	76.1	95.6	96.4	97.8	98.1	98.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 100	76.1	95.6	96.4	97.8	98.1	98.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 0	76.1	95.6	96.4	97.8	98.1	98.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723306

COLUMBUS AFB MS

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APR

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PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	46.1	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 20000	52.6	69.3	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 18000	53.1	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 16000	53.9	70.8	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 14000	54.2	71.2	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 12000	54.9	73.1	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 10000	56.8	75.9	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 9000	57.2	76.7	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 8000	57.7	78.3	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 7000	58.3	79.6	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 6000	58.8	80.0	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 5000	59.4	81.3	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 4500	59.9	83.4	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 4000	61.0	85.8	86.4	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 3500	61.7	87.7	88.3	88.9	88.9	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 3000	62.4	88.9	89.6	90.1	90.1	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 2500	63.2	90.9	91.6	92.2	92.2	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 2000	63.2	91.1	91.9	92.6	92.6	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1800	63.2	91.2	92.0	92.7	92.7	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1500	63.4	92.6	93.3	94.0	94.6	95.0	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1200	63.8	92.9	93.7	94.3	95.1	95.6	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1000	64.0	93.1	93.9	94.7	95.4	95.9	96.8	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 900	64.0	93.2	94.0	94.8	95.6	96.0	96.9	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 800	64.0	93.2	94.1	94.9	95.8	96.3	97.2	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 700	64.0	93.2	94.1	95.0	95.9	96.4	97.3	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 600	64.0	93.6	94.6	95.6	96.6	97.2	98.3	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	64.0	93.8	94.8	95.6	96.8	97.2	98.4	98.9	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	64.0	93.6	94.6	95.6	96.8	97.6	98.8	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	64.0	93.6	94.6	95.6	96.8	97.9	99.1	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	64.0	93.6	94.6	95.6	96.8	97.9	99.1	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	64.0	93.6	94.6	95.6	96.8	97.9	99.1	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	64.0	93.6	94.6	95.6	96.8	97.9	99.1	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723306

COLUMBUS AFB MS

70,73-81

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	35.9	62.2	62.8	63.2	63.4	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 20000	38.6	69.0	69.7	70.1	70.4	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 18000	33.8	69.3	70.0	70.4	70.8	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 16000	39.4	70.1	70.8	71.2	71.6	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 14000	39.6	70.7	71.3	71.8	72.1	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 12000	40.2	72.3	73.0	73.4	73.8	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 10000	40.9	73.4	74.1	74.6	74.9	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 9000	41.2	73.9	74.7	75.1	75.4	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 8000	41.8	75.7	76.7	77.2	77.6	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 7000	42.1	77.2	78.2	78.8	79.1	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 6000	42.7	78.0	79.0	79.6	79.9	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 5000	43.4	79.4	80.7	81.6	81.9	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 4500	43.9	80.9	82.3	83.2	83.7	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 4000	45.1	83.1	84.6	85.4	85.9	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 3500	45.2	84.3	85.9	86.9	87.4	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 3000	45.7	86.6	88.1	89.1	89.7	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 2500	46.2	88.7	90.4	91.6	92.1	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 2000	46.7	89.6	91.3	92.4	93.0	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1800	46.7	89.7	91.4	92.6	93.1	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1500	46.8	90.3	92.6	93.9	94.4	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1200	46.8	90.7	92.9	94.4	95.0	95.4	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1000	47.3	91.4	93.7	95.6	96.2	96.7	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 900	47.4	91.8	94.0	96.0	96.7	97.1	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 800	47.4	92.1	94.3	96.3	97.0	97.4	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 700	47.4	92.4	94.9	97.0	97.8	98.3	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	47.4	92.4	94.9	97.0	97.9	98.8	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	47.4	92.4	94.9	97.0	97.9	98.8	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	47.4	92.4	94.9	97.0	97.9	98.8	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	47.4	92.4	94.9	97.0	98.0	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	47.4	92.4	94.9	97.0	98.0	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	47.4	92.4	94.9	97.0	98.0	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	47.4	92.4	94.9	97.0	98.0	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7233 J6

COLUMBUS AFB MS

70,73-81

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURLY (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	34.2	53.1	54.3	54.8	55.2	55.3	55.4	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 20000	39.7	60.7	62.0	62.7	63.1	63.3	63.4	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 18000	39.1	61.4	62.7	63.4	63.8	64.0	64.1	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 16000	39.7	62.1	63.4	64.1	64.5	64.7	64.8	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 14000	40.3	63.0	64.3	65.0	65.4	65.6	65.7	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 12000	41.2	64.7	66.0	66.8	67.2	67.4	67.5	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 10000	42.9	67.1	68.4	69.2	69.6	69.8	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 9000	42.3	67.6	69.0	69.7	70.1	70.3	70.4	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.7	70.7
≥ 8000	43.5	69.4	70.9	71.8	72.2	72.4	72.6	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 7000	44.3	71.1	72.6	73.5	74.0	74.2	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.6	74.6	74.6
≥ 6000	44.3	72.0	73.7	74.6	75.1	75.3	75.4	75.6	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.7
≥ 5000	45.6	73.5	75.4	76.4	76.9	77.2	77.3	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.6	77.6
≥ 4500	46.1	74.9	77.0	78.1	78.6	78.8	79.0	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 4000	47.3	77.0	79.2	80.3	80.9	81.2	81.3	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 3500	48.1	78.8	81.0	82.1	82.8	83.1	83.3	83.5	83.5	83.5	83.5	83.5	83.6	83.6	83.6	83.6
≥ 3000	49.0	80.6	82.9	84.2	84.9	85.2	85.5	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 2500	50.1	83.3	85.7	87.2	87.9	88.3	88.5	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.8	88.8
≥ 2000	50.5	84.5	87.1	88.6	89.3	89.7	90.0	90.1	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3
≥ 1800	50.6	85.0	87.6	89.1	89.9	90.3	90.6	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.9	90.9
≥ 1500	51.0	86.7	89.6	91.2	92.1	92.6	92.9	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.3	93.3
≥ 1200	51.5	87.8	90.9	92.7	93.6	94.1	94.6	94.7	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9
≥ 1000	51.7	88.4	91.7	93.6	94.7	95.1	95.7	95.9	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1
≥ 900	51.8	88.8	92.1	94.0	95.2	95.6	96.2	96.3	96.5	96.5	96.5	96.5	96.5	96.6	96.6	96.6
≥ 800	51.8	89.1	92.4	94.4	95.6	96.1	96.7	97.0	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2
≥ 700	51.9	89.3	92.7	94.8	95.9	96.6	97.2	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 600	51.9	89.7	93.1	95.3	96.6	97.3	98.0	98.3	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6
≥ 500	52.0	89.9	93.4	95.6	97.0	97.8	98.5	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.3	99.3
≥ 400	52.0	90.0	93.5	95.8	97.2	98.0	98.8	99.3	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 300	52.0	90.0	93.5	95.8	97.3	98.1	98.9	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 200	52.0	90.0	93.5	95.8	97.3	98.1	98.9	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9
≥ 100	52.0	90.0	93.5	95.8	97.3	98.1	98.9	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.9	100.0
≥ 0	52.0	90.0	93.5	95.8	97.3	98.1	98.9	99.4	99.6	99.7	99.8	99.8	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

USAF ETAC FORM 0-14-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7233-6

COLUMBUS AFB MS

70,73-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	15.3	49.5	54.2	58.3	59.6	59.7	59.9	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.2
≥ 20000	18.6	56.1	61.3	65.6	67.2	67.3	67.6	67.8	68.0	68.0	68.2	68.2	68.2	68.2	68.2	68.3
≥ 18000	19.0	56.5	61.8	66.0	67.6	67.9	68.2	68.3	68.5	68.5	68.7	68.7	68.7	68.7	68.7	68.8
≥ 16000	19.5	57.1	62.3	66.6	68.2	68.4	68.7	68.8	69.1	69.1	69.3	69.3	69.3	69.3	69.3	69.4
≥ 14000	20.3	58.2	63.4	67.6	69.3	69.5	69.8	69.9	70.2	70.2	70.4	70.4	70.4	70.4	70.4	70.5
≥ 12000	20.9	60.2	65.5	69.7	71.4	71.6	71.9	72.0	72.2	72.2	72.4	72.4	72.4	72.4	72.4	72.5
≥ 10000	21.6	63.5	69.0	73.2	74.8	75.1	75.4	75.5	75.7	75.7	75.9	75.9	75.9	75.9	75.9	76.0
≥ 9000	21.7	63.8	69.4	73.6	75.3	75.5	75.8	75.9	76.1	76.1	76.4	76.4	76.4	76.4	76.4	76.5
≥ 8000	22.3	66.0	71.8	76.3	77.9	78.2	78.5	78.6	78.9	78.9	79.1	79.1	79.1	79.1	79.1	79.2
≥ 7000	22.8	67.3	73.3	77.9	79.6	80.1	80.4	80.5	80.7	80.7	80.9	80.9	80.9	80.9	80.9	81.0
≥ 6000	22.9	67.8	73.7	78.3	80.1	80.5	80.8	80.9	81.2	81.2	81.4	81.4	81.4	81.4	81.4	81.5
≥ 5000	23.1	68.6	74.7	79.3	81.0	81.5	81.8	81.9	82.1	82.1	82.4	82.4	82.4	82.4	82.4	82.5
≥ 4500	23.2	69.4	75.9	80.6	82.4	82.8	83.1	83.2	83.4	83.4	83.7	83.7	83.7	83.7	83.7	83.8
≥ 4000	23.3	70.7	78.1	83.4	85.4	85.9	86.3	86.4	86.6	86.6	86.8	86.8	86.8	86.8	86.8	86.9
≥ 3500	23.3	71.2	78.8	84.1	86.1	86.7	87.0	87.1	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.7
≥ 3000	24.0	72.5	80.1	85.4	87.4	88.0	88.6	88.7	88.9	88.9	89.1	89.1	89.1	89.1	89.1	89.2
≥ 2500	24.3	74.4	82.0	87.6	89.5	90.2	90.7	90.8	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.4
≥ 2000	24.5	75.4	83.0	88.8	90.8	91.5	92.2	92.3	92.5	92.5	92.7	92.7	92.7	92.7	92.7	92.8
≥ 1800	24.7	75.8	83.4	89.2	91.3	91.9	92.6	92.7	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.2
≥ 1500	24.7	76.5	84.2	90.0	92.0	92.7	93.4	93.5	93.7	93.7	93.9	93.9	93.9	93.9	93.9	94.0
≥ 1200	24.7	76.8	84.5	90.3	92.6	93.2	93.9	94.0	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.6
≥ 1000	24.7	78.0	85.7	91.7	94.1	94.8	95.4	95.5	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.1
≥ 900	24.7	78.5	86.3	92.3	94.7	95.3	96.0	96.1	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.6
≥ 800	24.9	79.0	86.8	93.2	95.8	96.5	97.2	97.3	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.8
≥ 700	24.9	79.1	86.9	93.4	96.0	96.7	97.4	97.5	97.7	97.7	97.9	97.9	97.9	97.9	97.9	98.1
≥ 600	24.9	79.4	87.3	93.7	96.6	97.4	98.0	98.1	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.9
≥ 500	24.9	79.5	87.4	94.0	96.9	97.7	98.4	98.5	98.7	98.7	98.9	98.9	98.9	98.9	98.9	99.1
≥ 400	24.9	79.6	87.6	94.2	97.4	98.1	98.8	98.9	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.6
≥ 300	24.9	79.6	87.6	94.3	97.6	98.4	99.0	99.1	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.9
≥ 200	24.9	79.6	87.6	94.3	97.6	98.4	99.0	99.1	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.9
≥ 100	24.9	79.6	87.6	94.3	97.6	98.4	99.0	99.1	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.9
≥ 0	24.9	79.6	87.6	94.3	97.6	98.4	99.0	99.1	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.9

TOTAL NUMBER OF OBSERVATIONS 918

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

725346

COLUMBUS AFB MS

70,73-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 3/8	≥ 0
NO CEILING	8.7	35.5	41.3	46.0	50.1	51.9	53.3	54.5	55.0	55.2	55.2	55.2	55.2	55.2	55.4	55.4
≥ 20000	10.2	39.8	45.8	51.6	55.7	57.8	59.4	60.9	61.6	61.7	61.7	61.7	61.7	61.7	61.7	62.0
≥ 18000	10.4	40.4	46.5	52.2	56.4	58.4	60.0	61.6	62.2	62.3	62.3	62.3	62.3	62.3	62.6	62.6
≥ 16000	10.6	40.8	46.9	52.9	57.0	59.1	60.7	62.2	62.9	63.0	63.0	63.0	63.0	63.0	63.3	63.3
≥ 14000	11.1	41.4	47.4	53.5	57.7	59.7	61.5	63.0	63.7	63.8	63.8	63.8	63.8	63.8	64.2	64.2
≥ 12000	11.4	42.5	48.6	54.7	59.0	61.0	62.8	64.3	65.0	65.1	65.1	65.1	65.1	65.1	65.5	65.5
≥ 10000	11.9	45.2	52.2	58.3	62.9	64.9	66.7	68.2	68.9	69.1	69.1	69.1	69.1	69.1	69.4	69.4
≥ 9000	11.9	45.4	52.6	59.0	63.7	65.8	67.5	69.1	69.8	69.9	69.9	69.9	69.9	69.9	70.2	70.2
≥ 8000	12.1	47.9	55.3	62.1	67.2	69.4	71.1	72.6	73.4	73.5	73.5	73.6	73.6	73.6	73.9	73.9
≥ 7000	12.2	48.3	55.7	62.6	67.8	70.0	71.9	73.4	74.2	74.3	74.3	74.4	74.4	74.4	74.7	74.7
≥ 6000	12.2	48.5	56.4	63.4	68.6	70.9	72.7	74.3	75.0	75.1	75.1	75.2	75.2	75.2	75.6	75.6
≥ 5000	12.4	49.5	57.4	65.0	70.4	72.6	74.5	76.0	76.8	76.9	76.9	77.0	77.0	77.0	77.3	77.3
≥ 4500	12.5	50.9	59.2	66.8	72.1	74.4	76.3	77.9	78.6	78.7	78.7	78.8	78.8	78.8	79.2	79.2
≥ 4000	12.5	51.7	60.3	68.1	73.5	75.9	77.9	79.4	80.1	80.2	80.2	80.3	80.3	80.3	80.7	80.7
≥ 3500	12.7	52.2	61.6	69.4	74.8	77.2	79.2	80.7	81.4	81.5	81.5	81.7	81.7	81.7	82.0	82.0
≥ 3000	12.7	53.6	63.0	71.2	76.7	79.0	81.0	82.5	83.3	83.4	83.4	83.5	83.5	83.5	83.8	83.8
≥ 2500	12.7	54.1	63.5	71.8	77.3	79.7	81.7	83.2	83.9	84.0	84.0	84.1	84.1	84.1	84.5	84.5
≥ 2000	12.8	54.9	64.4	73.0	78.7	81.1	83.1	84.6	85.3	85.5	85.5	85.6	85.7	85.7	86.0	86.0
≥ 1800	12.8	55.4	64.8	73.5	79.3	81.7	83.7	85.2	86.1	86.2	86.2	86.3	86.4	86.4	86.8	86.8
≥ 1500	12.9	56.7	66.3	75.5	81.4	83.8	85.9	87.4	88.3	88.4	88.4	88.5	88.6	88.6	88.9	88.9
≥ 1200	13.1	57.2	67.2	76.5	82.8	85.5	87.6	89.1	90.0	90.1	90.1	90.2	90.3	90.3	90.7	90.7
≥ 1000	13.2	58.6	68.8	78.4	84.9	87.5	89.7	91.3	92.2	92.3	92.3	92.4	92.5	92.5	92.8	92.8
≥ 900	13.4	59.3	69.6	79.2	85.7	88.3	90.4	92.1	92.9	93.2	93.2	93.3	93.4	93.4	93.7	93.7
≥ 800	13.5	59.7	70.2	80.0	87.1	89.7	91.9	93.5	94.4	94.6	94.6	94.7	94.8	94.8	95.1	95.1
≥ 700	13.5	59.8	70.6	80.5	87.8	90.4	92.6	94.2	95.1	95.3	95.3	95.4	95.5	95.5	96.0	96.0
≥ 600	13.5	60.0	71.0	81.0	88.6	91.2	93.4	95.0	95.9	96.2	96.2	96.3	96.4	96.4	96.9	96.9
≥ 500	13.5	60.2	71.2	81.3	89.3	92.0	94.1	95.8	96.6	97.0	97.0	97.1	97.2	97.2	97.6	97.6
≥ 400	13.5	60.4	71.8	82.1	90.0	92.8	95.2	96.9	97.7	98.0	98.2	98.3	98.4	98.4	98.8	98.8
≥ 300	13.5	60.5	71.9	82.2	90.1	92.9	95.4	97.2	98.2	98.5	98.7	98.9	99.1	99.1	99.7	99.7
≥ 200	13.5	60.5	71.9	82.2	90.1	92.9	95.4	97.2	98.2	98.6	98.8	99.0	99.2	99.2	99.9	99.9
≥ 100	13.5	60.5	71.9	82.2	90.1	92.9	95.4	97.2	98.2	98.6	98.8	99.0	99.2	99.2	99.9	100.0
≥ 0	13.5	60.5	71.9	82.2	90.1	92.9	95.4	97.2	98.2	98.6	98.8	99.0	99.2	99.2	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 921

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723326

COLUMBUS AFB MS

70,73-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

HOURS (LST.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	14.9	34.5	38.5	42.2	45.1	46.8	48.4	48.8	49.1	49.1	49.1	49.1	49.1	49.2	49.2	49.2
≥ 20000	15.7	39.7	44.1	48.3	51.6	53.5	55.2	55.7	56.0	56.0	56.1	56.1	56.1	56.2	56.2	56.2
≥ 18000	15.9	40.2	44.8	49.0	52.2	54.2	55.9	56.3	56.6	56.6	56.8	56.8	56.8	56.9	56.9	56.9
≥ 16000	16.2	40.6	45.2	49.5	52.8	54.7	56.4	56.9	57.2	57.2	57.3	57.3	57.3	57.4	57.4	57.4
≥ 14000	16.6	41.4	46.2	50.7	54.1	56.0	57.7	58.2	58.5	58.5	58.6	58.6	58.6	58.7	58.7	58.7
≥ 12000	16.8	42.5	47.4	51.9	55.2	57.3	59.0	59.5	59.8	59.8	59.9	59.9	59.9	60.0	60.0	60.0
≥ 10000	17.3	45.5	50.7	55.8	59.6	61.6	63.4	63.9	64.3	64.4	64.5	64.5	64.5	64.6	64.6	64.6
≥ 9000	17.4	45.9	51.1	56.5	60.6	62.8	64.5	65.1	65.5	65.6	65.7	65.7	65.7	65.8	65.8	65.8
≥ 8000	17.5	48.3	53.8	59.7	63.9	66.1	67.8	68.3	68.8	68.9	69.0	69.0	69.0	69.1	69.1	69.1
≥ 7000	17.7	49.0	54.7	60.6	64.9	67.0	68.8	69.3	69.7	69.8	69.9	69.9	69.9	70.1	70.1	70.1
≥ 6000	18.1	49.8	55.8	61.9	66.2	68.4	70.2	70.7	71.1	71.2	71.4	71.4	71.4	71.5	71.5	71.5
≥ 5000	18.2	51.4	57.6	64.3	68.8	71.1	72.9	73.5	73.9	74.1	74.2	74.2	74.2	74.3	74.3	74.3
≥ 4500	18.2	52.4	58.7	65.4	69.8	72.2	73.9	74.6	75.0	75.1	75.2	75.2	75.2	75.4	75.4	75.4
≥ 4000	18.3	53.2	59.7	66.6	71.5	73.9	75.7	76.3	76.8	76.9	77.0	77.0	77.0	77.1	77.1	77.1
≥ 3500	18.4	53.9	60.4	67.5	72.3	75.0	76.8	77.4	77.8	77.9	78.1	78.1	78.1	78.2	78.2	78.2
≥ 3000	18.6	54.9	61.6	68.6	73.5	76.2	77.9	78.6	79.0	79.1	79.2	79.2	79.2	79.4	79.4	79.4
≥ 2500	18.7	55.7	62.7	70.1	74.9	77.6	79.5	80.1	80.5	80.6	80.8	80.8	80.8	80.9	80.9	80.9
≥ 2000	18.8	57.1	64.5	72.1	77.1	79.9	81.9	82.6	83.0	83.1	83.2	83.2	83.2	83.4	83.4	83.4
≥ 1800	18.8	57.1	64.6	72.3	77.3	80.1	82.3	82.9	83.4	83.5	83.6	83.6	83.6	83.7	83.7	83.7
≥ 1500	18.9	59.4	66.9	74.7	79.8	82.6	85.0	85.6	86.1	86.2	86.3	86.3	86.3	86.4	86.4	86.4
≥ 1200	19.5	60.9	68.9	76.9	82.3	85.1	87.5	88.1	88.5	88.6	88.8	88.8	88.8	88.9	88.9	88.9
≥ 1000	19.9	62.9	71.0	79.2	84.9	87.8	90.2	90.9	91.4	91.5	91.6	91.6	91.6	91.7	91.7	91.7
≥ 900	20.1	63.5	71.8	80.1	85.7	88.6	91.0	91.8	92.2	92.3	92.4	92.4	92.4	92.5	92.5	92.5
≥ 800	20.1	63.8	72.3	80.9	86.6	89.7	92.3	93.1	93.5	93.6	93.7	93.7	93.7	93.8	93.8	93.8
≥ 700	20.1	64.2	72.9	81.6	87.4	90.5	93.1	93.8	94.3	94.4	94.5	94.5	94.5	94.6	94.6	94.6
≥ 600	20.2	65.0	73.9	83.0	89.3	92.5	95.1	96.0	96.5	96.6	96.8	96.8	96.8	96.9	96.9	96.9
≥ 500	20.2	65.5	74.6	83.9	90.6	93.9	96.6	97.6	98.2	98.3	98.4	98.4	98.4	98.5	98.5	98.5
≥ 400	20.2	65.5	74.6	83.9	90.9	94.3	97.1	98.1	98.6	98.7	98.8	98.8	98.8	98.9	98.9	98.9
≥ 300	20.2	65.5	74.6	83.9	90.9	94.5	97.3	98.4	98.9	99.0	99.2	99.2	99.2	99.4	99.4	99.4
≥ 200	20.2	65.5	74.6	83.9	90.9	94.5	97.3	98.5	99.0	99.1	99.5	99.5	99.5	99.7	99.9	100.0
≥ 100	20.2	65.5	74.6	83.9	90.9	94.5	97.3	98.5	99.0	99.1	99.5	99.5	99.5	99.7	99.9	100.0
≥ 0	20.2	65.5	74.6	83.9	90.9	94.5	97.3	98.5	99.0	99.1	99.5	99.5	99.5	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

925

USAF ETAC FORM 70-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

725306

COLUMBUS AFB MS

70,73-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	29.7	48.1	49.4	50.5	50.8	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 20000	34.3	55.7	57.2	58.3	58.6	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 18000	34.4	56.1	57.6	58.7	59.0	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 16000	34.6	56.6	58.1	59.2	59.5	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 14000	34.9	57.2	58.7	59.8	60.1	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 12000	35.7	59.1	60.6	61.7	62.0	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 10000	36.5	62.6	64.5	65.6	65.9	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 9500	36.6	62.8	64.7	65.8	66.1	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 8000	37.3	65.7	67.6	68.8	69.1	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 7000	37.8	67.0	69.0	70.2	70.8	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 6000	38.0	67.5	69.6	70.8	71.3	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 5000	38.3	69.1	71.3	73.1	73.8	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 4500	38.3	70.1	72.3	74.1	74.8	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 4000	38.5	71.3	73.5	75.3	76.1	76.3	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 3500	38.7	72.1	74.2	76.2	76.9	77.1	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 3000	39.8	73.7	75.9	77.9	78.7	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 2500	40.5	75.4	77.8	79.7	80.7	80.9	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 2000	41.2	78.9	81.4	83.4	84.4	84.6	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 1800	41.4	79.9	82.5	84.6	85.5	85.8	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 1500	42.3	83.5	86.3	88.5	89.4	89.6	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1200	42.6	86.2	89.1	91.4	92.4	92.8	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1000	43.3	87.8	90.7	93.1	94.3	94.6	94.8	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 900	43.4	88.2	91.3	93.6	94.8	95.1	95.4	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 800	43.5	88.5	91.5	93.9	95.1	95.5	95.7	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 700	43.6	89.2	92.3	94.7	96.0	96.3	96.5	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 600	43.7	89.8	93.2	95.8	97.2	97.8	98.1	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 500	43.7	89.8	93.3	95.9	97.5	98.3	98.7	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	43.7	89.8	93.5	96.1	97.7	98.5	99.0	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	43.7	89.8	93.5	96.1	97.8	98.6	99.1	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	43.7	89.8	93.5	96.1	97.8	98.6	99.1	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	43.7	89.8	93.5	96.1	97.8	98.6	99.1	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	43.7	89.8	93.5	96.1	97.8	98.6	99.1	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7233.6

COLUMBUS AFB MS

70,73-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	36.6	46.0	46.2	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 20000	44.3	58.7	59.2	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 18000	45.7	59.8	60.3	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 16000	46.3	60.7	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 14000	46.3	61.8	62.4	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 12000	47.7	63.1	63.6	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 10000	48.4	65.0	65.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 9000	48.4	65.0	65.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 8000	49.6	67.3	68.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 7000	50.3	68.6	69.4	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 6000	50.6	69.7	70.4	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 5000	51.3	72.2	73.6	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 4500	51.3	73.2	74.8	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 4000	52.9	77.3	79.1	79.6	79.8	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 3500	54.5	80.5	82.5	83.2	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 3000	56.0	84.4	86.5	87.2	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 2500	57.2	87.3	89.6	90.3	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 2000	57.9	89.3	91.8	92.8	93.2	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1800	58.1	89.6	92.1	93.1	93.5	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1500	58.7	91.6	94.2	95.3	95.7	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1200	58.7	92.0	94.7	95.9	96.3	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1000	58.9	92.6	95.5	96.7	97.1	97.1	97.1	97.3	97.3	97.3	97.4	97.4	97.4	97.5	97.5	97.5
≥ 900	58.9	92.7	95.6	96.9	97.3	97.3	97.3	97.5	97.5	97.5	97.6	97.6	97.7	97.7	97.7	97.7
≥ 800	59.0	92.9	95.9	97.2	97.6	97.6	97.6	97.8	97.8	97.8	98.1	98.1	98.2	98.2	98.2	98.2
≥ 700	59.1	93.3	96.3	97.8	98.3	98.3	98.3	98.5	98.5	98.5	98.7	98.7	98.8	98.8	98.8	98.8
≥ 600	59.1	93.4	96.5	98.2	98.6	98.6	98.6	98.8	98.8	98.8	99.0	99.0	99.1	99.1	99.1	99.1
≥ 500	59.1	93.5	96.9	98.5	98.9	98.9	98.9	99.1	99.1	99.1	99.4	99.4	99.5	99.5	99.6	99.6
≥ 400	59.1	93.6	97.0	98.6	99.0	99.0	99.1	99.5	99.5	99.5	99.8	99.8	99.9	99.9	100.0	100.0
≥ 300	59.1	93.6	97.0	98.6	99.0	99.0	99.1	99.5	99.5	99.5	99.8	99.8	99.9	99.9	100.0	100.0
≥ 200	59.1	93.6	97.0	98.6	99.0	99.0	99.1	99.5	99.5	99.5	99.8	99.8	99.9	99.9	100.0	100.0
≥ 100	59.1	93.6	97.0	98.6	99.0	99.0	99.1	99.5	99.5	99.5	99.8	99.8	99.9	99.9	100.0	100.0
≥ 0	59.1	93.6	97.0	98.6	99.0	99.0	99.1	99.5	99.5	99.5	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 927

AD-A113 713

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
COLUMBUS AFB, MISSISSIPPI. REVISED UNIFORM SUMMARY OF SURFACE W--ETC(U)
FEB 82

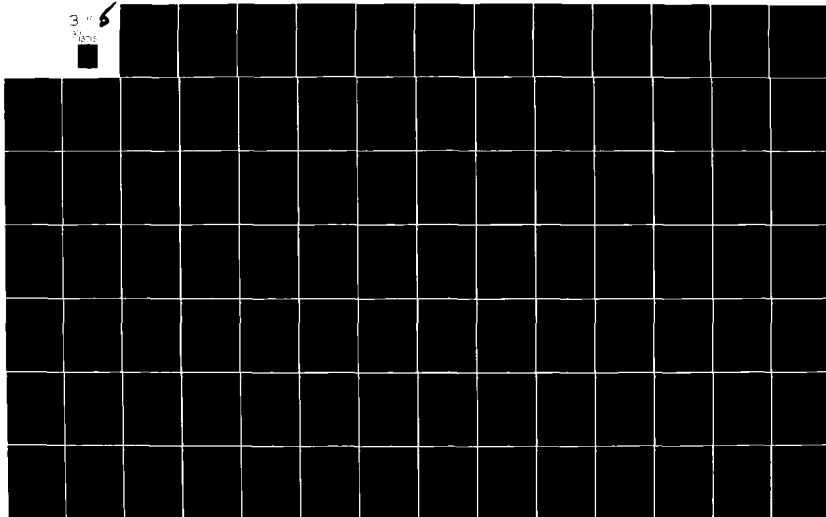
UNCLASSIFIED

USAFETAC/DS-82/015

S81-AD-E850 15A

NL

3 1/2
x 5 1/2
inches



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723306

COLUMBUS AFB MS

70,73-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	39.4	49.7	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 20000	45.1	60.3	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 18000	45.7	60.8	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 16000	46.3	61.8	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 14000	47.0	63.4	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 12000	48.2	65.3	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 10000	50.6	69.9	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 9000	51.3	70.9	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 8000	51.9	73.2	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 7000	52.3	73.8	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 6000	52.5	74.5	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 5000	54.0	77.7	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 4500	54.2	79.1	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 4000	55.8	83.3	84.7	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 3500	56.2	85.1	86.7	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 3000	57.6	87.9	89.6	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 2500	58.4	90.6	92.5	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 2000	59.0	92.4	94.4	95.2	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1800	59.1	92.6	94.6	95.5	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1500	59.5	93.6	95.6	96.6	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1200	60.0	94.4	96.3	97.4	97.5	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1000	60.2	94.8	96.8	98.1	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 900	60.3	94.9	96.9	98.2	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 800	60.3	95.1	97.1	98.6	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	60.3	95.3	97.3	98.8	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	60.3	95.5	97.4	98.9	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	60.4	95.7	97.6	99.1	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	60.4	95.7	97.6	99.1	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	60.4	95.7	97.6	99.1	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	60.4	95.7	97.6	99.1	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	60.4	95.7	97.6	99.1	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	60.4	95.7	97.6	99.1	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

924

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723376

COLUMBUS AFB MS

70,73-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥3/16	≥¼	≥0
NO CEILING	34.2	55.5	56.8	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 20000	39.0	65.0	66.4	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 18000	39.3	65.3	66.7	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
IV 16000	39.7	66.0	67.4	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
IV 14000	40.8	68.3	69.8	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
IV 12000	42.2	69.8	71.3	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
IV 10000	44.0	75.1	76.6	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IV 9000	44.1	75.4	77.2	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
IV 8000	45.0	78.7	80.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
IV 7000	45.4	80.0	81.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 6000	46.1	80.8	82.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
IV 5000	46.7	82.4	84.2	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
IV 4500	47.1	83.8	85.8	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IV 4000	47.8	85.5	87.6	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 3500	48.4	87.0	89.1	90.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 3000	48.5	88.3	90.5	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 2500	48.9	90.0	92.4	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 2000	49.1	91.0	93.4	95.1	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 1800	49.3	91.4	93.8	95.5	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 1500	49.8	92.3	94.7	96.5	96.8	96.8	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 1200	49.8	92.3	94.7	96.7	97.1	97.1	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 1000	49.9	92.5	95.1	97.4	97.8	97.8	97.9	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 900	49.9	92.7	95.5	97.8	98.3	98.3	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 800	49.9	92.8	95.7	98.2	98.7	98.7	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 700	49.9	92.8	95.7	98.2	98.7	98.7	98.9	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 600	49.9	92.8	95.7	98.2	98.7	98.7	98.9	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 500	49.9	92.8	95.7	98.2	98.7	98.7	98.9	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 400	49.9	92.8	95.7	98.3	98.9	98.9	99.1	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	49.9	92.8	95.7	98.3	98.9	98.9	99.1	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	49.9	92.8	95.7	98.3	98.9	98.9	99.1	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	49.9	92.8	95.7	98.3	98.9	98.9	99.1	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	49.9	92.8	95.7	98.3	98.9	98.9	99.1	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 920

USAF ETAC FORM 7-64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7233.6

COLUMBUS AFB MS

70, 73-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 3/16	≥ ¼	≥ 0
NO CEILING	27.3	58.7	62.2	63.8	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.5
≥ 20000	30.4	65.4	69.3	70.9	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.6
≥ 18000	30.7	65.8	69.8	71.5	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.1
≥ 16000	31.6	66.9	70.9	72.5	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.2
≥ 14000	32.1	68.3	72.3	74.0	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.6
≥ 12000	33.3	70.3	74.3	75.9	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.6
≥ 10000	34.7	74.5	78.5	80.2	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.8
≥ 9000	34.7	75.1	79.1	80.7	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.4
≥ 8000	35.0	76.7	81.0	82.8	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.4
≥ 7000	35.3	77.2	81.8	83.9	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.6
≥ 6000	35.5	77.6	82.1	84.2	84.7	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.0
≥ 5000	35.7	78.3	82.9	85.0	85.6	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.9
≥ 4500	35.7	79.6	84.3	86.4	87.0	87.0	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.4
≥ 4000	36.3	80.8	85.6	87.8	88.6	88.6	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	89.0
≥ 3500	36.4	81.6	86.4	88.6	89.3	89.3	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.8
≥ 3000	36.7	83.4	88.3	90.5	91.3	91.3	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.7
≥ 2500	36.7	84.5	89.7	92.2	92.9	92.9	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.5
≥ 2000	36.9	85.1	90.2	92.9	93.9	94.0	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.6
≥ 1800	37.0	85.6	90.7	93.5	94.4	94.6	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.1
≥ 1500	37.3	86.5	91.6	94.3	95.3	95.4	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.0
≥ 1200	37.4	86.8	92.0	94.8	95.9	96.0	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.5
≥ 1000	37.5	87.3	92.6	95.3	96.6	96.7	96.9	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4
≥ 900	37.6	87.6	92.9	95.6	96.9	97.1	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8
≥ 800	37.7	88.1	93.5	96.6	97.9	98.0	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0
≥ 700	37.7	88.1	93.5	96.6	97.9	98.0	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0
≥ 600	37.7	88.3	93.7	96.8	98.1	98.3	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.3
≥ 500	37.7	88.3	93.8	96.9	98.3	98.4	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.5
≥ 400	37.7	88.3	93.8	96.9	98.4	98.6	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.9
≥ 300	37.7	88.3	93.8	96.9	98.4	98.6	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9
≥ 200	37.7	88.3	93.8	96.9	98.4	98.6	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9
≥ 100	37.7	88.3	93.8	96.9	98.4	98.6	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9
≥ 0	37.7	88.3	93.8	96.9	98.4	98.6	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9

TOTAL NUMBER OF OBSERVATIONS 918

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723306

COLUMBUS AFB MS

70,73-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	25.8	47.2	49.8	51.9	53.0	53.5	53.9	54.1	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 20000	29.8	55.1	58.0	60.3	61.5	62.0	62.5	62.8	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.1
≥ 18000	30.2	55.6	58.6	60.9	62.1	62.6	63.1	63.4	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.7
≥ 16000	30.6	56.3	59.3	61.6	62.8	63.4	63.9	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.4	64.4
≥ 14000	31.2	57.5	60.5	62.9	64.1	64.7	65.2	65.4	65.6	65.6	65.6	65.6	65.6	65.7	65.7	65.7
≥ 12000	32.0	59.1	62.1	64.5	65.8	66.3	66.8	67.1	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.4
≥ 10000	33.2	62.7	66.0	68.4	69.7	70.3	70.8	71.1	71.2	71.3	71.3	71.3	71.3	71.3	71.4	71.4
≥ 9000	33.3	63.0	66.4	68.9	70.3	70.9	71.4	71.7	71.8	71.9	71.9	71.9	71.9	71.9	72.0	72.0
≥ 8000	33.9	65.5	69.0	71.7	73.2	73.8	74.3	74.5	74.7	74.7	74.8	74.8	74.8	74.8	74.9	74.9
≥ 7000	34.2	66.4	70.0	72.8	74.4	75.0	75.5	75.8	76.0	76.0	76.0	76.0	76.0	76.1	76.1	76.1
≥ 6000	34.5	67.0	70.7	73.6	75.1	75.8	76.3	76.6	76.7	76.8	76.8	76.8	76.8	76.8	76.9	76.9
≥ 5000	35.0	68.6	72.6	75.6	77.3	77.9	78.4	78.7	78.9	78.9	79.0	79.0	79.0	79.0	79.1	79.1
≥ 4500	35.1	69.8	73.9	77.0	78.6	79.3	79.8	80.1	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4
≥ 4000	35.7	71.7	76.1	79.3	81.1	81.8	82.4	82.7	82.9	82.9	82.9	82.9	82.9	83.0	83.0	83.0
≥ 3500	36.1	72.9	77.5	80.8	82.6	83.3	83.9	84.2	84.4	84.4	84.4	84.4	84.4	84.5	84.5	84.5
≥ 3000	36.7	74.8	79.4	82.9	84.7	85.4	86.0	86.3	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6
≥ 2500	37.2	76.5	81.3	84.8	86.6	87.4	88.0	88.3	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6
≥ 2000	37.6	78.0	82.9	86.7	88.6	89.4	90.0	90.4	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.8
≥ 1800	37.7	78.4	83.3	87.1	89.1	89.9	90.6	90.9	91.1	91.2	91.2	91.2	91.2	91.2	91.3	91.3
≥ 1500	38.0	80.0	85.0	88.9	90.9	91.7	92.4	92.8	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.2
≥ 1200	38.2	80.8	85.9	90.0	92.1	92.9	93.7	94.1	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.4
≥ 1000	38.5	81.8	87.0	91.2	93.5	94.3	95.1	95.5	95.7	95.8	95.8	95.8	95.9	95.9	95.9	95.9
≥ 900	38.6	82.2	87.5	91.7	94.0	94.8	95.6	96.0	96.2	96.3	96.3	96.3	96.4	96.4	96.4	96.4
≥ 800	38.6	82.5	87.9	92.3	94.7	95.6	96.4	96.9	97.1	97.1	97.2	97.2	97.2	97.3	97.3	97.3
≥ 700	38.7	82.8	88.2	92.7	95.1	96.0	96.9	97.3	97.5	97.6	97.7	97.7	97.7	97.7	97.8	97.8
≥ 600	38.7	83.0	88.6	93.2	95.8	96.7	97.6	98.0	98.3	98.4	98.4	98.5	98.5	98.5	98.6	98.6
≥ 500	38.7	83.2	88.8	93.5	96.2	97.2	98.0	98.5	98.8	98.9	99.0	99.0	99.0	99.0	99.1	99.2
≥ 400	38.7	83.2	88.9	93.7	96.5	97.5	98.4	99.0	99.2	99.3	99.4	99.4	99.5	99.5	99.6	99.6
≥ 300	38.7	83.2	89.0	93.7	96.5	97.6	98.5	99.1	99.4	99.5	99.6	99.6	99.7	99.7	99.8	99.9
≥ 200	38.7	83.2	89.0	93.7	96.5	97.6	98.5	99.1	99.4	99.5	99.7	99.7	99.7	99.8	99.9	100.0
≥ 100	38.7	83.2	89.0	93.7	96.5	97.6	98.5	99.1	99.4	99.5	99.7	99.7	99.7	99.8	99.9	100.0
≥ 0	38.7	83.2	89.0	93.7	96.5	97.6	98.5	99.1	99.4	99.5	99.7	99.7	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7380

USAF ETAC FORM 0-14-5 (OL A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723306

COLUMBUS AFB MS

70,73-81

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	16.1	60.1	65.4	69.6	72.6	72.8	73.4	73.8	73.8	73.9	73.9	77.9	73.9	73.9	73.9	73.9
≥ 20000	18.6	67.9	73.3	77.6	80.7	80.9	81.6	81.9	81.9	82.0	82.1	82.1	82.2	82.2	82.2	82.2
≥ 18000	18.7	68.1	73.6	77.8	80.9	81.1	81.8	82.1	82.1	82.2	82.3	82.3	82.4	82.4	82.4	82.4
≥ 16000	18.7	68.1	73.6	77.8	80.9	81.1	81.8	82.1	82.1	82.2	82.3	82.3	82.4	82.4	82.4	82.4
≥ 14000	19.2	69.0	74.6	78.8	81.9	82.1	82.8	83.1	83.1	83.2	83.3	83.3	83.4	83.4	83.4	83.4
≥ 12000	19.8	70.3	76.0	80.2	83.3	83.6	84.2	84.6	84.6	84.7	84.8	84.8	84.9	84.9	84.9	84.9
≥ 10000	20.3	73.0	78.8	83.0	86.1	86.3	87.0	87.3	87.3	87.4	87.6	87.6	87.7	87.7	87.7	87.7
≥ 9000	20.4	73.1	78.9	83.1	86.2	86.4	87.1	87.4	87.4	87.6	87.7	87.7	87.8	87.8	87.8	87.8
≥ 8000	20.4	74.8	81.0	85.2	88.3	88.6	89.2	89.6	89.6	89.7	89.8	89.8	89.9	89.9	89.9	89.9
≥ 7000	20.6	75.6	81.8	86.1	89.2	89.4	90.1	90.4	90.4	90.6	90.7	90.7	90.8	90.8	90.8	90.8
≥ 6000	20.6	76.2	82.4	86.8	89.9	90.1	90.8	91.1	91.1	91.2	91.3	91.3	91.4	91.4	91.4	91.4
≥ 5000	20.9	77.2	83.6	88.2	91.3	91.6	92.2	92.6	92.6	92.7	92.8	92.8	92.9	92.9	92.9	92.9
≥ 4500	20.9	77.8	84.2	89.1	92.2	92.4	93.1	93.4	93.4	93.6	93.7	93.7	93.8	93.8	93.8	93.8
≥ 4000	21.1	79.9	85.4	90.3	93.7	93.9	94.6	94.9	94.9	95.0	95.1	95.1	95.2	95.2	95.2	95.2
≥ 3500	21.2	79.2	85.9	91.2	94.6	94.8	95.4	95.8	95.8	95.9	96.0	96.0	96.1	96.1	96.1	96.1
≥ 3000	21.2	79.6	86.3	91.7	95.0	95.2	95.9	96.3	96.3	96.4	96.6	96.6	96.7	96.7	96.7	96.7
≥ 2500	21.2	80.2	87.0	92.3	95.7	95.9	96.6	97.0	97.0	97.1	97.2	97.2	97.3	97.3	97.3	97.3
≥ 2000	21.3	80.6	87.3	92.7	96.0	96.2	96.9	97.3	97.3	97.4	97.6	97.6	97.7	97.7	97.7	97.7
≥ 1800	21.3	80.6	87.4	92.8	96.1	96.3	97.0	97.4	97.4	97.6	97.7	97.7	97.8	97.8	97.8	97.8
≥ 1500	21.4	80.9	88.0	93.3	96.7	96.9	97.6	98.0	98.0	98.1	98.2	98.2	98.3	98.3	98.3	98.3
≥ 1200	21.4	81.0	88.2	93.7	97.0	97.2	97.9	98.3	98.3	98.4	98.6	98.6	98.7	98.7	98.7	98.7
≥ 1000	21.4	81.0	88.3	93.8	97.1	97.3	98.0	98.4	98.4	98.6	98.7	98.7	98.8	98.8	98.8	98.8
≥ 900	21.4	81.0	88.3	93.8	97.1	97.3	98.0	98.4	98.4	98.6	98.7	98.7	98.8	98.8	98.8	98.8
≥ 800	21.6	81.6	88.9	94.3	97.7	97.9	98.6	99.0	99.0	99.1	99.2	99.2	99.3	99.3	99.3	99.3
≥ 700	21.6	81.6	88.9	94.3	97.7	97.9	98.6	99.0	99.0	99.1	99.2	99.2	99.3	99.3	99.3	99.3
≥ 600	21.6	81.6	89.1	94.6	97.9	98.1	98.8	99.2	99.2	99.3	99.4	99.4	99.6	99.6	99.6	99.6
≥ 500	21.6	81.8	89.1	94.6	97.9	98.1	98.8	99.2	99.2	99.3	99.4	99.4	99.6	99.6	99.7	99.7
≥ 400	21.6	81.8	89.1	94.6	97.9	98.1	98.8	99.2	99.2	99.3	99.4	99.4	99.6	99.6	99.7	99.7
≥ 300	21.6	81.8	89.1	94.6	97.9	98.1	98.8	99.2	99.2	99.3	99.4	99.4	99.6	99.6	99.7	99.7
≥ 200	21.6	81.8	89.1	94.6	97.9	98.1	98.9	99.6	99.6	99.7	99.8	99.8	99.9	99.9	100.0	100.0
≥ 100	21.6	81.8	89.1	94.6	97.9	98.1	98.9	99.6	99.6	99.7	99.8	99.8	99.9	99.9	100.0	100.0
≥ 0	21.6	81.8	89.1	94.6	97.9	98.1	98.9	99.6	99.6	99.7	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723306

COLUMBUS AFB MS

70,73-81

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	6.1	39.2	46.6	51.9	58.4	60.0	62.6	64.3	64.9	65.1	65.1	65.2	65.3	65.3	65.6	65.7
≥ 20000	7.7	45.1	53.2	59.2	66.2	67.9	71.2	73.0	73.8	74.1	74.1	74.2	74.3	74.3	74.6	74.7
IV 18000	7.7	45.2	53.3	59.3	66.3	68.0	71.3	73.1	73.9	74.2	74.2	74.3	74.6	74.6	74.8	74.9
IV 16000	7.9	45.6	53.7	59.7	66.7	68.3	71.8	73.6	74.3	74.7	74.7	74.8	75.0	75.0	75.2	75.3
IV 14000	8.2	46.4	54.7	60.8	67.8	69.4	73.0	74.8	75.6	75.9	75.9	76.0	76.2	76.2	76.4	76.6
IV 12000	8.3	47.3	55.7	62.0	69.0	70.8	74.4	76.3	77.1	77.4	77.4	77.6	77.8	77.8	78.0	78.1
IV 10000	9.0	50.3	59.2	65.6	72.6	74.3	78.1	80.1	80.9	81.2	81.2	81.3	81.6	81.6	81.8	81.9
IV 9000	9.1	50.9	59.8	66.1	73.1	74.9	78.7	80.7	81.6	81.9	81.9	82.0	82.2	82.2	82.4	82.6
IV 8000	9.1	52.9	62.2	68.8	76.1	78.0	81.8	84.0	84.9	85.3	85.3	85.4	85.7	85.8	86.0	86.1
IV 7000	9.1	53.7	63.2	70.0	77.6	79.4	83.2	85.6	86.4	86.9	86.9	87.0	87.2	87.3	87.6	87.7
IV 6000	9.1	53.8	63.3	70.3	77.9	79.8	83.6	85.9	86.8	87.2	87.2	87.3	87.6	87.7	87.9	88.0
IV 5000	9.1	54.4	64.0	71.0	78.8	80.7	84.6	86.9	87.9	88.3	88.3	88.4	88.7	88.8	89.1	89.2
IV 4500	9.2	54.8	64.3	71.4	79.2	81.1	85.0	87.3	88.3	88.8	88.8	88.9	89.1	89.2	89.6	89.7
IV 4000	9.2	55.9	65.7	73.0	80.8	82.7	86.7	89.0	90.0	90.4	90.4	90.6	90.8	90.9	91.2	91.3
IV 3500	9.2	56.2	66.2	73.6	81.3	83.2	87.2	89.6	90.6	91.0	91.0	91.1	91.3	91.4	91.8	91.9
IV 3000	9.4	56.8	66.8	74.2	82.0	83.9	87.9	90.2	91.2	91.7	91.7	91.8	92.0	92.1	92.4	92.6
IV 2500	9.4	57.6	67.9	75.3	83.1	85.0	89.0	91.3	92.3	92.8	92.8	92.9	93.1	93.2	93.6	93.7
IV 2000	9.4	57.7	68.1	75.6	83.3	85.2	89.2	91.7	92.7	93.1	93.1	93.2	93.4	93.6	93.9	94.0
IV 1800	9.7	58.0	68.4	75.9	83.7	85.6	89.6	92.0	93.0	93.4	93.4	93.6	93.8	93.9	94.2	94.3
IV 1500	9.7	58.8	69.4	77.0	84.9	86.8	90.8	93.2	94.2	94.7	94.7	94.8	95.0	95.1	95.4	95.6
IV 1200	9.7	58.9	69.8	77.3	85.2	87.1	91.1	93.6	94.6	95.0	95.0	95.1	95.3	95.4	95.8	95.9
IV 1000	9.7	59.3	70.3	77.9	85.8	87.7	91.7	94.1	95.1	95.6	95.6	95.7	95.9	96.0	96.3	96.4
IV 900	9.7	59.4	70.7	78.2	86.1	88.0	92.0	94.4	95.4	95.9	95.9	96.0	96.2	96.3	96.7	96.8
IV 800	9.7	59.4	70.8	78.3	86.2	88.1	92.1	94.6	95.6	96.0	96.0	96.1	96.3	96.4	96.8	96.9
IV 700	9.7	59.8	71.1	78.7	86.6	88.4	92.4	94.9	95.9	96.3	96.3	96.4	96.7	96.8	97.1	97.2
IV 600	9.7	60.0	71.6	79.4	87.3	89.2	93.2	95.7	96.7	97.1	97.1	97.2	97.4	97.6	97.9	98.0
IV 500	9.7	60.3	71.9	79.9	87.8	89.7	93.7	96.1	97.1	97.6	97.7	97.8	98.0	98.1	98.4	98.7
IV 400	9.7	60.3	71.9	79.9	87.9	89.8	93.8	96.2	97.2	97.7	97.8	97.9	98.1	98.2	98.6	98.8
IV 300	9.7	60.3	71.9	79.9	87.9	89.8	93.8	96.2	97.3	97.9	97.9	98.2	98.3	98.7	98.8	99.1
IV 200	9.7	60.3	71.9	79.9	87.9	89.8	93.8	96.2	97.3	97.9	97.9	98.2	98.4	98.9	99.1	99.4
IV 100	9.7	60.3	71.9	79.9	87.9	89.8	93.8	96.2	97.3	97.9	97.9	98.2	98.4	98.9	99.1	99.9
IV 0	9.7	60.3	71.9	79.9	87.9	89.8	93.8	96.2	97.3	97.9	97.9	98.2	98.4	98.9	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723306

COLUMBUS AFB MS

70,73-81

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	12.6	40.9	46.2	51.8	55.6	57.7	58.9	60.1	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 20000	13.8	45.2	51.8	57.9	62.0	64.7	66.0	67.4	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 18000	13.8	45.3	51.9	58.0	62.1	64.8	66.1	67.6	67.9	67.9	67.9	67.9	67.9	67.9	68.0	68.0
≥ 16000	14.1	45.7	52.3	58.4	62.7	65.4	66.8	68.2	68.6	68.6	68.6	68.6	68.6	68.6	68.7	68.7
≥ 14000	14.7	46.9	53.7	59.8	64.0	66.8	68.1	69.6	69.9	69.9	69.9	69.9	69.9	69.9	70.0	70.0
≥ 12000	14.9	48.3	55.1	61.2	65.7	68.4	69.8	71.2	71.6	71.6	71.6	71.6	71.6	71.6	71.7	71.7
≥ 10000	15.3	50.6	57.4	63.6	68.0	70.9	72.3	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.3	74.3
≥ 9000	15.6	51.1	58.0	64.1	68.6	71.4	72.9	74.4	74.8	74.8	74.8	74.8	74.8	74.8	74.9	74.9
≥ 8000	15.7	52.7	59.6	66.1	71.0	73.9	75.3	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.4	77.4
≥ 7000	16.1	54.4	61.3	68.0	72.9	75.8	77.2	78.9	79.2	79.2	79.2	79.2	79.2	79.2	79.3	79.3
≥ 6000	16.1	55.2	62.2	69.1	74.1	77.0	78.4	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.6	80.6
≥ 5000	16.2	55.8	63.0	69.9	75.1	78.2	79.7	81.3	81.7	81.7	81.7	81.7	81.7	81.7	81.8	81.8
≥ 4500	16.4	56.3	63.6	70.4	75.7	78.9	80.3	82.0	82.3	82.4	82.4	82.4	82.4	82.4	82.6	82.6
≥ 4000	16.6	57.4	64.9	72.1	77.4	80.7	82.1	83.8	84.1	84.2	84.2	84.2	84.2	84.2	84.3	84.3
≥ 3500	16.6	57.8	65.3	72.7	78.1	81.3	82.8	84.4	84.8	84.9	84.9	84.9	84.9	84.9	85.0	85.0
≥ 3000	16.8	59.3	67.2	74.6	80.1	83.4	85.0	86.7	87.0	87.1	87.1	87.1	87.1	87.1	87.2	87.2
≥ 2500	16.9	59.9	67.9	75.2	80.8	84.1	85.8	87.4	87.8	87.9	87.9	87.9	87.9	87.9	88.0	88.0
≥ 2000	17.1	60.6	68.6	76.0	81.6	84.9	86.7	88.3	88.7	88.8	88.8	88.8	88.8	88.9	89.0	89.0
≥ 1800	17.2	61.1	69.1	76.6	82.1	85.4	87.2	88.9	89.2	89.3	89.3	89.3	89.3	89.4	89.6	89.6
≥ 1500	17.3	62.4	70.4	77.9	83.7	87.0	88.8	90.4	90.8	90.9	90.9	90.9	90.9	91.0	91.1	91.1
≥ 1200	17.4	63.3	71.7	79.1	84.9	88.2	90.0	91.7	92.0	92.1	92.1	92.1	92.2	92.2	92.3	92.3
≥ 1000	17.6	64.7	73.2	80.7	86.6	89.9	91.7	93.3	93.7	93.8	93.8	93.8	93.9	93.9	94.0	94.0
≥ 900	17.9	65.4	74.0	81.4	87.3	90.7	92.4	94.1	94.4	94.6	94.6	94.6	94.7	94.7	94.8	94.8
≥ 800	18.3	66.2	75.0	82.6	88.4	91.8	93.6	95.2	95.6	95.7	95.7	95.7	95.8	95.8	95.9	95.9
≥ 700	18.3	66.6	75.6	83.1	89.0	92.3	94.1	95.8	96.1	96.2	96.2	96.2	96.3	96.3	96.4	96.4
≥ 600	18.3	66.9	76.0	83.6	89.4	92.8	94.7	96.3	96.7	96.8	96.8	96.8	97.0	97.0	97.1	97.1
≥ 500	18.3	67.4	76.6	84.1	90.1	93.4	95.3	97.0	97.3	97.4	97.4	97.4	97.7	97.7	97.9	97.9
≥ 400	18.3	67.6	76.7	84.2	90.3	93.7	95.8	97.7	98.0	98.1	98.1	98.1	98.3	98.3	98.6	98.6
≥ 300	18.3	67.6	76.7	84.2	90.3	93.7	95.8	98.0	98.4	98.6	98.6	98.6	98.9	98.9	99.1	99.1
≥ 200	18.3	67.6	76.7	84.2	90.3	93.7	95.8	98.1	98.6	98.7	98.8	98.8	99.3	99.4	99.7	99.7
≥ 100	18.3	67.6	76.7	84.2	90.3	93.7	95.8	98.1	98.6	98.7	98.8	98.9	99.4	99.6	99.9	100.0
≥ 0	18.3	67.6	76.7	84.2	90.3	93.7	95.8	98.1	98.6	98.7	98.8	98.9	99.4	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723336

COLUMBUS AFB MS

70, 73-81

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥4
NO CEILING	26.4	52.3	54.3	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 20000	31.2	60.6	62.8	64.3	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 18000	31.6	61.0	63.2	64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
IV 16000	32.0	61.6	63.8	65.3	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 14000	32.6	62.9	65.4	67.1	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
IV 12000	32.9	64.0	66.7	68.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 10000	33.6	66.8	69.4	71.1	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 9000	33.7	67.2	69.9	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 8000	34.4	68.6	71.7	73.6	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
IV 7000	34.9	69.7	72.8	74.8	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 6000	35.1	70.0	73.1	75.1	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
IV 5000	35.8	72.3	75.4	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 4500	35.9	72.8	75.9	77.9	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
IV 4000	36.7	75.6	78.7	81.0	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 3500	37.8	77.4	80.6	82.9	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
IV 3000	38.7	79.8	82.9	85.3	86.2	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 2500	38.9	81.0	84.1	86.6	87.4	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 2000	40.1	84.4	87.6	90.0	90.9	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1800	40.2	85.3	88.4	90.9	91.8	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
IV 1500	41.1	87.4	90.7	93.1	94.1	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1200	41.6	89.1	92.3	94.9	95.9	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 1000	41.7	89.9	93.2	95.9	97.1	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 900	41.8	90.2	93.6	96.2	97.7	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 800	41.9	90.7	94.1	96.8	98.2	98.6	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	41.9	90.9	94.4	97.2	98.7	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 600	41.9	91.0	94.6	97.3	98.8	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	41.9	91.0	94.6	97.3	98.9	99.3	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	41.9	91.0	94.6	97.3	98.9	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	41.9	91.0	94.6	97.3	98.9	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	41.9	91.0	94.6	97.3	98.9	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	41.9	91.0	94.6	97.3	98.9	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	41.9	91.0	94.6	97.3	98.9	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

725306

COLUMBUS AFB MS

70,73-81

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	33.9	54.2	55.2	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 20000	42.3	66.6	67.6	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 18000	42.3	67.1	68.1	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 16000	43.3	68.0	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 14000	43.9	69.1	70.2	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 12000	44.8	70.7	71.9	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 10000	46.1	73.2	74.4	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 9000	46.7	74.1	75.3	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 8000	48.3	76.6	77.8	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 7000	48.9	77.6	78.8	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 6000	49.2	78.2	79.4	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 5000	49.9	80.6	81.8	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 4500	50.1	81.6	82.8	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 4000	51.4	85.9	87.3	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 3500	52.6	88.2	89.7	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 3000	54.2	92.0	93.6	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.9	94.9	94.9
≥ 2500	54.7	94.0	95.7	96.7	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2
≥ 2000	55.3	95.0	96.7	97.7	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2
≥ 1800	55.6	95.4	97.2	98.2	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8
≥ 1500	55.8	96.2	98.0	99.0	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6
≥ 1200	56.1	96.7	98.4	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 1000	56.1	96.7	98.4	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 900	56.1	96.7	98.4	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 800	56.1	96.7	98.4	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 700	56.1	96.7	98.4	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 600	56.1	96.7	98.4	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 500	56.1	96.7	98.4	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	56.1	96.7	98.4	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	56.1	96.7	98.4	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	56.1	96.7	98.4	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	56.1	96.7	98.4	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	56.1	96.7	98.4	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

123356

COLUMBUS AFB MS

70,73-81

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	36.3	60.6	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 20000	46.3	75.3	76.6	76.7	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 18000	46.7	75.7	76.9	77.0	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 16000	47.2	76.4	77.7	77.8	77.9	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 14000	48.7	78.8	80.0	80.1	80.2	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 12000	50.0	81.0	82.2	82.3	82.4	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.9
≥ 10000	51.9	84.3	85.6	85.7	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 9000	52.0	84.7	85.9	86.0	86.1	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 8000	52.4	86.1	87.3	87.4	87.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 7000	53.2	86.8	88.0	88.1	88.2	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 6000	53.3	87.0	88.2	88.3	88.4	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 5000	54.1	88.6	89.8	89.9	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 4500	54.6	89.6	90.8	90.9	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 4000	55.1	91.3	92.2	92.4	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 3500	56.1	92.8	94.2	94.6	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 3000	57.4	94.8	96.3	96.7	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 2500	57.4	96.3	98.0	98.3	98.7	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 2000	57.7	96.8	98.7	99.0	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1800	57.7	96.8	98.7	99.0	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1500	57.7	96.8	98.7	99.0	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	57.7	96.9	98.8	99.1	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	57.7	96.9	98.8	99.1	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	57.7	96.9	98.8	99.1	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	57.7	96.9	98.8	99.1	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	57.7	96.9	98.8	99.1	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	57.7	96.9	98.8	99.1	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	57.7	96.9	98.8	99.1	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	57.7	96.9	98.8	99.1	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	57.7	96.9	98.8	99.1	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	57.7	96.9	98.8	99.1	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	57.7	96.9	98.8	99.1	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	57.7	96.9	98.8	99.1	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723316

COLUMBUS AFB MS

70,73-81

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING	32.7	61.9	63.1	63.7	63.7	63.8	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 20000	40.8	76.7	78.0	78.7	79.0	79.1	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 18000	41.2	77.2	78.6	79.2	79.6	79.7	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 16000	41.2	77.4	78.9	79.6	79.9	80.0	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 14000	42.2	79.0	80.4	81.1	81.4	81.6	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 12000	42.9	80.0	81.4	82.1	82.4	82.6	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 10000	45.0	83.8	85.2	85.9	86.2	86.3	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 9000	45.0	83.8	85.2	85.9	86.2	86.3	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 8000	46.1	86.3	88.2	89.0	89.3	89.4	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 7000	46.2	86.7	88.6	89.3	89.7	89.8	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 6000	46.6	87.1	89.0	89.8	90.1	90.2	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 5000	47.1	88.0	90.0	90.8	91.1	91.2	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 4500	47.4	88.8	90.8	91.7	92.1	92.2	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 4000	48.4	90.8	92.8	93.7	94.1	94.2	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 3500	48.9	91.7	93.7	94.6	95.0	95.1	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 3000	49.2	93.6	95.9	97.0	97.6	97.7	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 2500	49.3	94.1	96.4	97.6	98.2	98.3	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 2000	49.6	94.4	96.8	97.9	98.6	98.7	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1800	49.7	94.6	96.9	98.0	98.7	98.8	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1500	49.8	94.7	97.0	98.1	98.8	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	49.8	94.7	97.0	98.1	98.8	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	49.9	94.8	97.1	98.2	98.9	99.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	49.9	94.8	97.1	98.2	98.9	99.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	49.9	94.8	97.1	98.2	98.9	99.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	49.9	94.8	97.1	98.2	98.9	99.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	49.9	94.8	97.1	98.2	98.9	99.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	49.9	94.9	97.2	98.3	99.0	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	49.9	94.9	97.2	98.3	99.0	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	49.9	94.9	97.2	98.3	99.0	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	49.9	94.9	97.2	98.3	99.0	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	49.9	94.9	97.2	98.3	99.0	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	49.9	94.9	97.2	98.3	99.0	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7236 COLUMBUS AFB MS

73,73-81

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1100-7300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32
NO CEILING	27.6	67.9	71.3	70.6	71.3	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 20000	30.7	76.6	79.4	80.3	81.1	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.7
≥ 18000	31.1	76.9	79.8	80.7	81.4	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.0	82.0	82.0
≥ 16000	31.1	77.0	80.0	80.9	81.7	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.2	82.2	82.2
≥ 14000	31.7	77.7	80.7	81.6	82.3	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.9	82.9	82.9
≥ 12000	32.2	78.6	81.6	82.4	83.2	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.8	83.8	83.8
≥ 10000	33.1	81.6	84.6	85.4	86.2	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.8	86.8	86.8
≥ 9000	33.1	81.6	84.6	85.4	86.2	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.9	86.9	86.9
≥ 8000	33.4	83.3	86.6	87.9	88.7	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.3	89.3	89.3
≥ 7000	33.7	84.3	87.6	88.9	89.7	90.0	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.3
≥ 6000	33.9	85.3	88.6	89.9	91.0	91.3	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.7
≥ 5000	34.2	86.3	89.9	91.2	92.3	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9	93.0	93.0	93.0
≥ 4500	34.3	87.7	91.3	92.7	93.8	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.4
≥ 4000	35.3	89.1	92.8	94.4	95.9	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.6	96.6	96.6
≥ 3500	35.1	89.4	93.1	95.0	96.4	96.8	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2
≥ 3000	35.2	90.2	94.0	95.9	97.3	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1
≥ 2500	35.2	90.4	94.2	96.1	97.6	97.9	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3
≥ 2000	35.3	91.1	94.9	96.8	98.2	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0
≥ 1800	35.3	91.1	94.9	96.8	98.2	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0
≥ 1500	35.3	91.1	95.2	97.1	98.6	98.9	99.1	99.3	99.3	99.3	99.3	99.4	99.4	99.6	99.6	99.6
≥ 1200	35.3	91.3	95.4	97.3	98.8	99.1	99.3	99.6	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8
≥ 1000	35.3	91.3	95.4	97.3	98.8	99.1	99.3	99.6	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8
≥ 900	35.3	91.3	95.4	97.3	98.8	99.1	99.3	99.6	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8
≥ 800	35.3	91.3	95.4	97.3	98.8	99.1	99.3	99.6	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8
≥ 700	35.3	91.3	95.4	97.3	98.8	99.1	99.3	99.6	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8
≥ 600	35.3	91.3	95.4	97.3	98.8	99.1	99.3	99.6	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8
≥ 500	35.3	91.3	95.4	97.3	98.8	99.1	99.3	99.6	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8
≥ 400	35.3	91.3	95.6	97.4	98.9	99.3	99.6	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0
≥ 300	35.3	91.3	95.6	97.4	98.9	99.3	99.6	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0
≥ 200	35.3	91.3	95.6	97.4	98.9	99.3	99.6	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0
≥ 100	35.3	91.3	95.6	97.4	98.9	99.3	99.6	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0
≥ 0	35.3	91.3	95.6	97.4	98.9	99.3	99.6	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723316

COLUMBUS AFB MS

70,73-81

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	24.0	54.6	57.8	60.1	61.8	62.4	63.0	63.4	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.7
≥ 20000	28.9	64.2	67.8	70.4	72.3	73.0	73.7	74.2	74.3	74.4	74.4	74.4	74.4	74.4	74.5	74.5
≥ 18000	29.1	64.6	68.2	70.7	72.7	73.3	74.1	74.5	74.7	74.7	74.7	74.7	74.8	74.8	74.8	74.8
≥ 16000	29.4	65.0	68.6	71.1	73.1	73.8	74.5	75.0	75.1	75.2	75.2	75.2	75.3	75.3	75.3	75.3
≥ 14000	30.1	66.2	70.0	72.5	74.5	75.2	75.9	76.4	76.5	76.6	76.6	76.6	76.7	76.7	76.7	76.7
≥ 12000	30.7	67.5	71.3	73.9	75.9	76.6	77.4	77.8	78.0	78.0	78.1	78.1	78.1	78.1	78.2	78.2
≥ 10000	31.8	70.4	74.3	76.9	78.9	79.6	80.4	80.9	81.1	81.1	81.1	81.2	81.2	81.2	81.3	81.3
≥ 9000	31.7	70.8	74.7	77.3	79.3	80.0	80.8	81.3	81.5	81.5	81.5	81.5	81.6	81.6	81.6	81.7
≥ 8000	32.5	72.7	76.8	79.6	81.7	82.4	83.2	83.8	83.9	84.0	84.0	84.0	84.1	84.1	84.1	84.1
≥ 7000	32.9	73.6	77.8	80.6	82.7	83.5	84.3	84.8	85.0	85.0	85.1	85.1	85.1	85.1	85.2	85.2
≥ 6000	33.0	74.1	78.3	81.2	83.4	84.1	84.9	85.5	85.6	85.7	85.7	85.7	85.8	85.8	85.8	85.8
≥ 5000	33.4	75.4	79.7	82.6	84.9	85.7	86.5	87.0	87.2	87.3	87.3	87.3	87.4	87.4	87.4	87.4
≥ 4500	33.7	76.2	80.5	83.4	85.8	86.5	87.3	87.9	88.1	88.2	88.2	88.2	88.2	88.3	88.3	88.3
≥ 4000	34.2	78.1	82.5	85.6	88.1	88.9	89.7	90.3	90.4	90.5	90.5	90.6	90.6	90.6	90.7	90.7
≥ 3500	34.7	79.1	83.6	86.9	89.3	90.1	90.9	91.5	91.7	91.8	91.8	91.8	91.9	91.9	91.9	91.9
≥ 3000	35.2	80.8	85.4	88.7	91.3	92.0	92.9	93.5	93.7	93.8	93.8	93.8	93.9	93.9	93.9	93.9
≥ 2500	35.4	81.7	86.4	89.8	92.3	93.1	94.0	94.6	94.8	94.9	94.9	94.9	95.0	95.0	95.0	95.0
≥ 2000	35.7	82.6	87.3	90.7	93.2	94.0	94.9	95.6	95.7	95.8	95.8	95.8	95.9	95.9	96.0	96.0
≥ 1800	35.8	82.9	87.6	91.0	93.6	94.3	95.2	95.9	96.1	96.1	96.2	96.2	96.3	96.3	96.3	96.3
≥ 1500	36.0	83.5	88.4	91.8	94.4	95.2	96.1	96.8	97.0	97.0	97.1	97.1	97.2	97.2	97.2	97.3
≥ 1200	36.1	84.0	89.0	92.4	95.0	95.8	96.7	97.3	97.5	97.6	97.6	97.6	97.7	97.7	97.8	97.8
≥ 1000	36.2	84.3	89.4	92.8	95.4	96.3	97.2	97.8	98.0	98.1	98.1	98.2	98.2	98.3	98.3	98.3
≥ 900	36.2	84.5	89.5	93.0	95.6	96.5	97.4	98.1	98.2	98.3	98.3	98.4	98.4	98.5	98.5	98.5
≥ 800	36.3	84.7	89.8	93.3	95.9	96.8	97.7	98.3	98.5	98.6	98.7	98.7	98.8	98.8	98.8	98.8
≥ 700	36.3	84.8	90.0	93.4	96.1	96.9	97.9	98.5	98.7	98.8	98.8	98.9	98.9	99.0	99.0	99.0
≥ 600	36.3	84.9	90.1	93.6	96.3	97.1	98.1	98.8	98.9	99.0	99.1	99.1	99.2	99.2	99.2	99.3
≥ 500	36.3	85.0	90.3	93.8	96.5	97.3	98.3	98.9	99.1	99.2	99.3	99.3	99.4	99.4	99.5	99.5
≥ 400	36.3	85.1	90.3	93.8	96.5	97.4	98.4	99.1	99.3	99.3	99.4	99.4	99.5	99.5	99.6	99.6
≥ 300	36.3	85.1	90.3	93.8	96.5	97.4	98.4	99.1	99.3	99.4	99.4	99.5	99.6	99.6	99.7	99.7
≥ 200	36.3	85.1	90.3	93.8	96.5	97.4	98.4	99.2	99.4	99.5	99.6	99.6	99.7	99.8	99.8	99.9
≥ 100	36.3	85.1	90.3	93.8	96.5	97.4	98.4	99.2	99.4	99.5	99.6	99.6	99.8	99.8	99.9	100.0
≥ 0	36.3	85.1	90.3	93.8	96.5	97.4	98.4	99.2	99.4	99.5	99.6	99.6	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

723336

COLUMBUS AFB MS

70, 73-81

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

HOURLY (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING	6.3	57.4	65.5	70.1	72.8	73.2	73.5	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 20000	7.7	63.3	72.9	77.8	80.8	81.4	81.9	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 18000	8.2	63.8	73.4	78.4	81.3	81.9	82.5	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 16000	8.3	64.3	74.0	79.0	81.9	82.6	83.1	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 14000	8.8	65.3	74.9	80.0	83.1	83.9	84.4	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 12000	9.0	65.9	75.8	81.2	84.4	85.4	85.9	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 10000	9.4	68.2	78.4	84.1	87.6	88.6	89.1	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 9000	9.8	69.1	79.4	85.1	88.6	89.6	90.1	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 8000	10.0	70.4	80.8	86.5	90.0	91.0	91.5	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 7000	10.0	70.9	81.2	86.9	90.4	91.4	91.9	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 6000	10.0	70.9	81.2	86.9	90.4	91.4	91.9	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 5000	10.0	71.0	81.3	87.0	90.5	91.5	92.2	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 4500	10.2	71.5	81.8	87.6	91.2	92.2	92.8	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 4000	10.2	71.9	82.3	88.1	91.6	92.6	93.2	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 3500	10.2	71.9	82.4	88.2	91.7	92.7	93.3	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 3000	10.5	72.8	83.3	89.1	92.7	93.7	94.3	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 2500	10.6	73.1	83.9	89.7	93.2	94.2	94.8	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 2000	10.6	73.3	84.2	90.0	93.5	94.5	95.2	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1800	10.6	73.3	84.3	90.2	93.9	94.8	95.5	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1500	10.6	74.0	85.1	91.0	94.6	95.6	96.2	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1200	10.6	74.2	85.3	91.2	94.9	95.9	96.6	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1000	10.8	74.7	85.8	91.7	95.5	96.5	97.1	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 900	10.8	74.7	85.8	91.7	95.5	96.5	97.1	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800	10.8	74.8	85.9	91.8	95.9	96.9	97.5	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 700	10.8	74.8	85.9	91.9	96.1	97.1	97.7	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	10.8	74.9	86.1	92.3	96.5	97.4	98.1	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 500	10.8	75.2	86.5	92.6	96.8	97.7	98.4	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	10.8	75.4	86.7	92.8	97.2	98.2	98.8	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	10.8	75.4	86.7	92.9	97.3	98.3	98.9	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	10.8	75.4	86.7	92.9	97.3	98.3	99.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	10.8	75.4	86.7	92.9	97.3	98.3	99.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	10.8	75.4	86.7	92.9	97.3	98.3	99.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723356

COLUMBUS AFB MS

70,73-81

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¼	≥0
NO CEILING	1.7	31.6	43.5	51.7	58.2	60.8	64.7	66.2	67.0	67.2	67.4	67.4	67.4	67.4	67.6	67.6
≥ 20000	2.3	34.7	48.2	56.8	63.8	66.6	71.0	72.5	73.2	73.4	73.8	73.8	73.8	73.8	74.0	74.0
≥ 18000	2.7	35.3	48.7	57.3	64.4	67.2	71.7	73.2	74.1	74.3	74.6	74.6	74.6	74.6	74.8	74.8
≥ 16000	2.9	36.1	49.7	58.3	65.4	68.2	72.7	74.2	75.1	75.3	75.6	75.6	75.6	75.6	75.8	75.8
≥ 14000	2.9	36.7	50.3	59.0	66.3	69.1	73.7	75.2	76.0	76.2	76.6	76.6	76.6	76.6	76.8	76.8
≥ 12000	3.1	37.7	51.5	61.0	68.6	71.4	75.9	77.4	78.4	78.6	78.9	78.9	78.9	78.9	79.1	79.1
≥ 10000	3.3	40.4	54.7	64.5	72.8	75.7	80.3	81.9	83.0	83.2	83.5	83.5	83.5	83.5	83.8	83.8
≥ 9000	3.3	40.8	55.1	64.9	73.3	76.2	80.9	82.5	83.5	83.8	84.1	84.1	84.1	84.1	84.3	84.3
≥ 8000	3.4	41.9	56.5	66.5	74.8	77.8	82.6	84.3	85.4	85.6	85.9	85.9	85.9	85.9	86.1	86.1
≥ 7000	3.7	42.5	57.0	67.0	75.6	78.6	83.3	85.1	86.1	86.3	86.7	86.7	86.7	86.7	86.9	86.9
≥ 6000	3.7	42.6	57.2	67.2	75.8	78.8	83.5	85.3	86.3	86.6	87.0	87.0	87.0	87.0	87.2	87.2
≥ 5000	3.7	42.7	57.3	67.4	76.0	79.1	83.9	85.7	86.8	87.0	87.4	87.4	87.4	87.4	87.6	87.6
≥ 4500	3.7	43.1	57.7	68.1	76.8	79.9	84.6	86.5	87.5	87.7	88.2	88.2	88.2	88.2	88.4	88.4
≥ 4000	3.7	43.7	58.4	68.8	77.5	80.6	85.4	87.2	88.3	88.5	88.9	88.9	88.9	88.9	89.1	89.1
≥ 3500	3.7	43.9	58.6	69.2	78.0	81.1	85.8	87.6	88.7	88.9	89.4	89.4	89.4	89.4	89.6	89.6
≥ 3000	3.8	44.3	59.2	70.0	78.7	81.9	86.7	88.5	89.6	89.8	90.2	90.2	90.2	90.2	90.4	90.4
≥ 2500	3.8	44.3	59.2	70.0	78.7	81.9	86.7	88.5	89.6	89.8	90.2	90.2	90.2	90.2	90.4	90.4
≥ 2000	3.8	44.8	59.8	70.5	79.2	82.5	87.2	89.0	90.1	90.3	90.8	90.8	90.8	90.8	91.0	91.0
≥ 800	3.8	44.9	59.9	70.6	79.4	82.6	87.3	89.1	90.2	90.4	90.9	90.9	90.9	90.9	91.1	91.1
≥ 1500	3.8	45.3	60.3	71.1	79.8	83.0	87.8	89.7	90.8	91.0	91.4	91.4	91.4	91.4	91.6	91.6
≥ 1200	3.8	46.0	61.1	71.8	80.5	83.8	88.7	90.5	91.6	91.8	92.3	92.3	92.3	92.3	92.5	92.5
≥ 1000	3.8	46.7	61.8	72.7	81.4	84.6	89.6	91.4	92.5	92.7	93.1	93.1	93.1	93.1	93.3	93.3
≥ 900	3.9	47.1	62.4	73.3	82.0	85.3	90.3	92.2	93.2	93.4	93.9	93.9	93.9	93.9	94.1	94.1
≥ 800	4.0	47.3	62.7	73.7	82.4	85.8	91.1	92.9	94.0	94.2	94.6	94.6	94.6	94.6	94.8	94.8
≥ 700	4.0	47.5	63.0	74.1	83.1	86.6	91.8	93.7	94.7	94.9	95.4	95.4	95.4	95.4	95.6	95.6
≥ 600	4.0	47.5	63.0	74.2	83.4	87.2	92.5	94.3	95.4	95.6	96.0	96.0	96.0	96.0	96.2	96.2
≥ 500	4.0	47.7	63.4	74.7	84.1	88.0	93.4	95.3	96.5	96.7	97.1	97.1	97.1	97.1	97.3	97.3
≥ 400	4.0	48.1	63.9	75.4	84.8	88.9	94.6	96.5	97.6	97.8	98.3	98.3	98.3	98.3	98.5	98.5
≥ 300	4.0	48.1	63.9	75.4	84.9	89.4	95.1	96.9	98.1	98.3	98.7	98.7	98.7	98.7	99.0	99.0
≥ 200	4.0	48.1	63.9	75.4	84.9	89.4	95.1	97.2	98.5	98.7	99.2	99.2	99.2	99.4	99.7	99.8
≥ 100	4.0	48.1	63.9	75.4	84.9	89.4	95.1	97.2	98.5	98.7	99.4	99.4	99.4	99.5	99.9	100.0
≥ 0	4.0	48.1	63.9	75.4	84.9	89.4	95.1	97.2	98.5	98.7	99.4	99.4	99.4	99.5	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7233-6

COLUMBUS AFB MS

70,73-81

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥0
NO CEILING	5.4	30.8	38.6	45.5	52.5	54.6	57.1	58.9	59.2	59.7	59.9	59.9	59.9	59.9	60.0
≥ 20000	6.0	34.6	43.2	50.9	58.3	60.8	63.5	65.5	65.9	66.3	66.6	66.6	66.6	66.6	66.7
≥ 18000	6.2	35.2	43.8	51.4	58.8	61.3	64.1	66.0	66.6	67.0	67.2	67.2	67.2	67.2	67.3
≥ 16000	6.2	35.4	44.1	51.7	59.1	61.6	64.4	66.3	66.9	67.3	67.5	67.5	67.5	67.5	67.6
≥ 14000	6.5	36.6	45.5	53.7	61.1	63.7	66.5	68.4	68.9	69.4	69.6	69.6	69.6	69.6	69.7
≥ 12000	6.9	38.6	47.8	56.3	64.1	66.7	69.5	71.6	72.2	72.6	72.8	72.8	72.8	72.8	72.9
≥ 10000	7.4	41.4	51.4	60.3	68.5	71.2	74.6	76.9	77.4	77.8	78.1	78.1	78.1	78.1	78.2
≥ 9000	7.4	41.5	51.8	60.8	69.0	71.7	75.2	77.4	78.0	78.4	78.6	78.6	78.6	78.6	78.7
≥ 8000	7.4	43.3	54.1	63.3	71.6	74.4	78.1	80.3	80.9	81.3	81.5	81.5	81.5	81.5	81.6
≥ 7000	7.4	44.1	54.9	64.4	72.9	75.7	79.4	81.6	82.2	82.6	82.8	82.8	82.8	82.8	82.9
≥ 6000	7.4	44.5	55.4	64.8	73.3	76.1	79.8	82.2	82.7	83.1	83.3	83.3	83.3	83.3	83.4
≥ 5000	7.5	44.8	55.9	65.4	74.0	76.9	80.6	83.1	83.7	84.1	84.3	84.3	84.3	84.3	84.4
≥ 4500	7.5	45.2	56.2	65.7	74.3	77.2	81.1	83.5	84.1	84.5	84.7	84.7	84.7	84.7	84.8
≥ 4000	7.6	45.5	56.9	66.5	75.2	78.1	81.9	84.5	85.1	85.5	85.7	85.7	85.7	85.7	85.8
≥ 3500	7.6	45.6	57.1	66.7	75.4	78.3	82.2	84.7	85.3	85.7	85.9	85.9	85.9	85.9	86.0
≥ 3000	7.6	45.7	57.2	66.9	75.6	78.5	82.5	85.1	85.6	86.0	86.2	86.2	86.2	86.2	86.3
≥ 2500	7.6	45.8	57.3	67.0	75.7	78.6	82.6	85.2	85.7	86.1	86.3	86.3	86.3	86.3	86.5
≥ 2000	7.6	45.9	57.4	67.1	75.8	78.7	82.7	85.3	85.8	86.2	86.5	86.5	86.5	86.5	86.6
≥ 1800	7.6	46.1	57.6	67.3	76.0	78.9	82.9	85.5	86.0	86.5	86.7	86.7	86.7	86.7	86.8
≥ 1500	7.6	47.0	58.9	68.6	77.4	80.4	84.4	87.0	87.5	88.0	88.2	88.2	88.2	88.2	88.3
≥ 1200	7.7	48.0	60.0	69.8	78.8	81.8	85.8	88.4	88.9	89.4	89.6	89.6	89.6	89.6	89.7
≥ 1000	7.7	48.8	61.0	70.9	79.9	82.9	86.9	89.5	90.0	90.4	90.6	90.6	90.6	90.6	90.8
≥ 900	7.7	49.0	61.2	71.3	80.3	83.4	87.6	90.2	90.8	91.2	91.4	91.4	91.4	91.4	91.5
≥ 800	7.8	49.8	62.0	72.2	81.3	84.6	88.8	91.4	91.9	92.4	92.6	92.6	92.6	92.6	92.7
≥ 700	8.0	50.4	62.9	73.1	82.5	85.8	90.1	92.7	93.2	93.7	93.9	93.9	93.9	93.9	94.0
≥ 600	8.0	50.6	63.4	73.9	83.7	87.1	91.5	94.1	94.6	95.1	95.3	95.3	95.3	95.3	95.4
≥ 500	8.0	50.6	63.8	74.3	84.1	87.7	92.4	95.2	95.8	96.2	96.5	96.5	96.5	96.5	96.6
≥ 400	8.0	50.6	63.8	74.6	84.8	88.7	93.3	96.3	97.0	97.4	97.6	97.7	97.7	97.7	97.8
≥ 300	8.0	50.6	63.8	74.7	85.1	89.1	94.3	97.5	98.2	98.6	98.9	99.0	99.0	99.0	99.1
≥ 200	8.0	50.6	63.8	74.7	85.1	89.4	94.5	97.8	98.5	99.0	99.6	99.8	99.8	99.8	99.9
≥ 100	8.0	50.6	63.8	74.7	85.1	89.4	94.5	97.8	98.5	99.0	99.6	99.9	99.9	99.9	100.0
≥ 0	8.0	50.6	63.8	74.7	85.1	89.4	94.5	97.8	98.5	99.0	99.6	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723306

COLUMBUS AFB MS

70,73-81

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥3/16	≥¼	≥0
NO CEILING	19.7	55.5	59.2	61.1	61.9	61.9	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 20000	23.8	62.6	66.5	68.4	69.4	69.4	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
IV 18000	24.2	63.1	67.1	69.0	70.0	70.0	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
IV 16000	24.3	63.3	67.4	69.4	70.3	70.3	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
IV 14000	24.8	64.5	68.6	70.5	71.7	71.7	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
IV 12000	25.7	66.6	70.6	72.7	74.0	74.0	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
IV 10000	26.6	68.8	72.9	74.9	76.2	76.2	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 9000	26.6	69.2	73.3	75.4	76.8	76.8	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
IV 8000	26.8	69.9	74.0	76.0	77.4	77.4	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
IV 7000	26.8	70.0	74.1	76.1	77.6	77.6	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
IV 6000	26.9	70.1	74.2	76.2	77.7	77.7	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
IV 5000	26.9	70.3	74.5	76.6	78.1	78.1	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
IV 4500	26.9	70.3	74.6	76.7	78.2	78.2	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
IV 4000	27.7	72.6	77.0	79.0	80.6	80.6	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
IV 3500	28.2	73.7	78.1	80.1	81.7	81.7	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
IV 3000	29.0	76.0	80.5	82.7	84.3	84.3	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV 2500	29.8	77.4	82.0	84.2	85.9	85.9	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IV 2000	30.1	79.1	83.8	85.9	87.6	87.6	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 1800	30.4	80.6	85.3	87.4	89.1	89.1	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 1500	30.9	83.1	87.8	90.1	91.8	91.8	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IV 1200	31.2	85.1	90.1	92.5	94.3	94.3	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 1000	31.3	86.5	91.7	94.1	95.9	95.9	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 900	31.3	87.2	92.7	95.2	97.0	97.0	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 800	31.4	87.7	93.3	95.9	97.8	97.8	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 700	31.5	87.8	93.4	96.0	98.2	98.3	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 600	31.5	87.8	93.7	96.2	98.5	98.8	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 500	31.5	88.0	93.8	96.5	98.7	99.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	31.5	88.0	93.8	96.5	98.7	99.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	31.5	88.0	93.8	96.5	98.7	99.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	31.5	88.0	93.8	96.5	98.7	99.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	31.5	88.0	93.8	96.5	98.7	99.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	31.5	88.0	93.8	96.5	98.7	99.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723306

COLUMBUS AFB MS

70,73-81

JUL

STATION

STATION NAME

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MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	22.9	53.3	54.4	54.6	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 20000	29.6	63.9	65.1	65.3	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 18000	29.9	64.4	65.6	65.8	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 16000	30.2	65.1	66.2	66.5	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 14000	31.2	66.7	68.0	68.2	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 12000	32.4	68.7	70.0	70.2	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 10000	33.3	71.2	72.6	72.8	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 9000	33.4	71.8	73.2	73.4	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 8000	34.6	73.3	74.7	75.1	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 7000	35.2	74.1	75.5	75.8	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 6000	35.3	74.3	75.8	76.2	77.1	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 5000	35.4	74.5	76.0	76.5	77.3	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 4500	36.1	75.3	76.8	77.2	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 4000	38.2	79.6	81.1	81.5	82.4	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 3500	39.8	81.6	83.1	83.5	84.4	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 3000	41.4	86.2	87.8	88.4	89.2	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 2500	42.9	89.7	91.3	91.8	92.8	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 2000	43.8	91.6	93.3	94.1	95.2	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1800	44.0	92.4	94.2	94.9	96.0	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1600	44.1	93.8	95.8	96.6	97.6	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1400	44.3	94.1	96.1	96.9	98.0	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1200	44.3	94.2	96.3	97.1	98.2	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1000	44.3	94.2	96.3	97.1	98.2	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900	44.3	94.5	96.7	97.6	98.8	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	44.3	94.6	96.8	97.7	98.9	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	44.3	94.6	96.8	97.7	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	44.3	94.6	96.8	97.7	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	44.3	94.6	96.8	97.7	99.1	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	44.3	94.6	96.8	97.7	99.1	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	44.3	94.6	96.8	97.7	99.1	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	44.3	94.6	96.8	97.7	99.1	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	44.3	94.6	96.8	97.7	99.1	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	44.3	94.6	96.8	97.7	99.1	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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USAFETAC
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CEILING VERSUS VISIBILITY

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COLUMBUS AFB MS

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PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 3/16	≥ ¼	≥ 0
NO CEILING	23.5	50.5	51.2	51.7	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 20000	33.8	69.2	70.0	70.8	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 18000	33.9	69.5	70.2	71.0	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IV 16000	34.3	69.9	70.6	71.4	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
IV 14000	35.5	72.2	73.0	73.8	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
IV 12000	36.6	73.9	74.7	75.5	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
IV 10000	37.7	76.0	76.9	77.8	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
IV 9000	38.1	76.5	77.3	78.3	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
IV 8000	38.8	78.0	78.8	79.9	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
IV 7000	40.0	79.7	80.5	81.6	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
IV 6000	40.2	80.5	81.4	82.6	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 5000	40.4	81.7	82.6	83.8	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
IV 4500	40.8	82.5	83.3	84.5	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
IV 4000	42.2	86.2	87.1	88.4	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 3500	43.5	88.7	89.7	91.1	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 3000	44.1	91.3	92.7	94.3	95.2	95.4	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 2500	44.8	92.7	94.1	95.7	96.6	96.8	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 2000	44.9	92.9	94.3	95.9	96.8	97.0	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 1800	45.1	93.4	94.8	96.5	97.3	97.5	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 1500	45.1	93.9	95.4	97.0	97.8	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 1200	45.3	94.1	95.6	97.2	98.1	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 1000	45.4	94.5	96.0	97.6	98.5	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 900	45.4	94.5	96.0	97.6	98.5	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 800	45.4	94.5	96.2	97.8	98.7	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 700	45.4	94.7	96.5	98.2	99.0	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 600	45.4	94.7	96.5	98.2	99.0	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 500	45.4	94.7	96.5	98.3	99.1	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	45.4	94.7	96.5	98.4	99.2	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	45.4	94.7	96.5	98.4	99.2	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	45.4	94.7	96.5	98.4	99.2	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	45.4	94.7	96.5	98.4	99.2	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	45.4	94.7	96.5	98.4	99.2	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7233-6
STATION

COLUMBUS AFB MS
STATION NAME

70,73-81
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	21.9	52.7	55.5	56.3	56.6	57.1	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 20000	30.2	69.0	72.4	73.4	73.7	74.3	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
IV 18000	30.5	69.5	72.8	73.9	74.1	74.7	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
IV 16000	30.8	69.8	73.1	74.2	74.4	75.1	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
IV 14000	32.2	73.1	76.6	77.7	78.0	78.6	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
IV 12000	32.8	75.4	79.1	80.6	80.9	81.5	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 10000	34.0	78.4	82.5	84.1	84.3	84.9	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 9000	34.0	78.4	82.5	84.1	84.3	84.9	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 8000	34.7	79.8	84.0	85.6	85.8	86.5	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IV 7000	35.5	81.2	85.4	87.0	87.2	87.8	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 6000	35.6	81.6	85.9	87.5	87.7	88.4	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IV 5000	35.8	82.8	87.1	88.7	88.9	89.6	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 4500	36.7	83.5	88.0	89.7	90.2	90.9	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 4000	36.5	85.3	89.9	91.8	92.4	93.0	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 3500	36.6	86.3	91.0	92.9	93.4	94.2	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 3000	36.8	87.5	92.5	94.6	95.3	96.0	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 2500	36.8	88.3	93.2	95.4	96.0	96.8	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 2000	36.8	88.6	93.7	95.8	96.6	97.3	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 1800	36.9	88.8	93.9	96.0	96.8	97.5	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 1500	37.0	89.4	94.4	96.7	97.4	98.2	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1200	37.0	89.7	94.7	97.0	97.7	98.5	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1000	37.1	89.8	94.8	97.1	98.0	98.7	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 900	37.1	89.8	94.8	97.1	98.0	98.7	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 800	37.2	89.9	95.1	97.3	98.2	98.9	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 700	37.2	89.9	95.1	97.3	98.3	99.0	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 600	37.2	90.0	95.2	97.4	98.4	99.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	37.2	90.0	95.2	97.4	98.5	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	37.2	90.0	95.2	97.4	98.5	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	37.2	90.0	95.2	97.4	98.5	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	37.2	90.0	95.2	97.4	98.5	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	37.2	90.0	95.2	97.4	98.5	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	37.2	90.0	95.2	97.4	98.5	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723376

COLUMBUS AFB MS

70,73-81

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	15.2	60.0	64.3	67.7	68.6	68.7	69.0	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 20000	19.1	69.4	74.6	78.6	79.5	79.6	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
IV 18000	19.4	69.8	75.3	79.2	80.1	80.2	80.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
IV 16000	19.4	69.9	75.4	79.4	80.2	80.3	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
IV 14000	19.7	71.0	76.7	80.9	81.8	82.0	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 12000	21.0	73.5	79.5	83.7	84.6	84.8	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 10000	21.6	76.2	82.4	86.8	87.7	88.1	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IV 9000	21.7	76.3	82.5	86.9	87.8	88.2	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 8000	21.9	77.6	83.8	88.2	89.1	89.5	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 7000	21.7	78.0	84.1	88.5	89.5	89.8	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 6000	21.9	78.3	84.4	88.8	89.8	90.1	90.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV 5000	21.9	78.6	84.7	89.1	90.1	90.4	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 4500	21.9	78.9	85.1	89.5	90.4	90.8	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 4000	21.9	79.5	85.7	90.1	91.1	91.4	92.0	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 3500	22.2	80.5	86.9	91.3	92.3	92.6	93.2	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 3000	22.4	81.7	88.4	92.9	93.9	94.3	94.9	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 2500	22.4	82.5	89.1	93.8	94.7	95.2	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 2000	22.4	82.7	89.4	94.0	94.9	95.5	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 1800	22.4	82.8	89.5	94.1	95.1	95.6	96.2	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 1500	22.6	83.4	90.2	94.9	95.9	96.5	97.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 1200	22.7	84.0	90.8	95.5	96.5	97.0	97.6	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 1000	22.7	84.4	91.2	95.9	96.9	97.4	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 900	22.7	84.5	91.3	96.0	97.0	97.5	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 800	22.7	84.6	91.5	96.2	97.2	97.7	98.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 700	22.8	84.7	91.8	96.7	97.6	98.2	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 600	22.8	84.7	91.8	96.7	97.6	98.2	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 500	22.8	84.8	92.0	97.0	98.0	98.5	99.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	22.8	84.9	92.2	97.1	98.1	98.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	22.8	84.9	92.2	97.1	98.1	98.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	22.8	84.9	92.2	97.1	98.1	98.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	22.8	84.9	92.2	97.1	98.1	98.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	22.8	84.9	92.2	97.1	98.1	98.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AT: WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7233 JA

COLUMBUS AFB MS

70, 73-81

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/8	≥1/16	≥0
NO CEILING	14.6	49.0	54.0	57.4	59.8	60.5	61.5	62.1	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.4
≥ 20000	19.1	58.3	64.1	67.7	70.3	71.2	72.3	72.9	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2
≥ 18000	19.4	58.8	64.6	68.3	70.8	71.7	72.8	73.4	73.6	73.7	73.8	73.8	73.8	73.8	73.8	73.8
≥ 16000	19.5	59.2	65.1	68.7	71.3	72.2	73.3	73.9	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.3
≥ 14000	20.2	60.7	66.7	70.5	73.1	74.1	75.2	75.8	76.0	76.0	76.1	76.1	76.1	76.1	76.2	76.2
≥ 12000	20.9	62.5	68.6	72.6	75.4	76.4	77.5	78.1	78.3	78.4	78.5	78.5	78.5	78.5	78.5	78.5
≥ 10000	21.7	65.1	71.5	75.7	78.6	79.6	80.8	81.5	81.7	81.8	81.8	81.8	81.8	81.8	81.9	81.9
≥ 9000	21.8	65.5	71.9	76.1	79.1	80.1	81.3	81.9	82.2	82.2	82.3	82.3	82.3	82.3	82.4	82.4
≥ 8000	22.2	66.8	73.3	77.6	80.6	81.6	82.9	83.6	83.8	83.9	83.9	83.9	83.9	83.9	84.0	84.0
≥ 7000	22.6	67.5	74.1	78.4	81.5	82.5	83.8	84.4	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8
≥ 6000	22.6	67.8	74.4	78.8	81.9	82.9	84.2	84.8	85.1	85.1	85.2	85.2	85.2	85.2	85.3	85.3
≥ 5000	22.7	68.3	74.9	79.3	82.4	83.4	84.7	85.4	85.7	85.7	85.8	85.8	85.8	85.8	85.9	85.9
≥ 4500	22.9	68.8	75.4	79.9	83.0	84.0	85.4	86.1	86.3	86.4	86.5	86.5	86.5	86.5	86.5	86.5
≥ 4000	23.5	70.5	77.3	81.8	85.0	86.0	87.4	88.1	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.5
≥ 3500	24.0	71.5	78.3	82.9	86.1	87.1	88.5	89.2	89.4	89.5	89.6	89.6	89.6	89.6	89.6	89.6
≥ 3000	24.4	73.2	80.2	84.9	88.1	89.2	90.6	91.3	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.7
≥ 2500	24.8	74.2	81.3	85.9	89.2	90.3	91.7	92.4	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8
≥ 2000	25.0	74.9	82.0	86.7	90.0	91.1	92.5	93.2	93.4	93.5	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1800	25.1	75.3	82.4	87.1	90.4	91.6	92.9	93.7	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1500	25.2	76.2	83.5	88.2	91.6	92.7	94.1	94.9	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1200	25.3	76.9	84.2	89.0	92.4	93.5	94.9	95.7	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1000	25.4	77.4	84.8	89.6	93.0	94.2	95.6	96.4	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8
≥ 900	25.4	77.8	85.1	89.9	93.3	94.5	96.0	96.8	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2
≥ 800	25.4	77.9	85.4	90.3	93.8	95.0	96.6	97.4	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8
≥ 700	25.5	78.1	85.7	90.6	94.2	95.5	97.0	97.8	98.1	98.1	98.2	98.2	98.2	98.2	98.3	98.3
≥ 600	25.5	78.1	85.8	90.8	94.5	95.8	97.4	98.2	98.5	98.5	98.6	98.6	98.6	98.6	98.7	98.7
≥ 500	25.5	78.2	86.0	91.1	94.8	96.2	97.8	98.7	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 400	25.5	78.3	86.1	91.2	95.1	96.5	98.1	99.0	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5
≥ 300	25.5	78.3	86.1	91.3	95.1	96.6	98.4	99.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	25.5	78.3	86.1	91.3	95.1	96.6	98.4	99.4	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	25.5	78.3	86.1	91.3	95.1	96.6	98.4	99.4	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	25.5	78.3	86.1	91.3	95.1	96.6	98.4	99.4	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

USAF ETAC FORM 700 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AD WEATHER SERVICE/4AC

CEILING VERSUS VISIBILITY

7213-6

COLUMBUS AFB MS

70,73-81

AF5

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	4.6	28.3	35.9	43.9	50.3	53.8	57.2	59.6	60.0	60.6	60.9	61.0	61.2	61.2	61.3	61.3
≥ 20000	5.2	31.2	39.4	48.2	55.2	58.8	62.4	64.7	65.4	66.1	66.3	66.5	66.7	66.9	67.7	67.1
≥ 18000	5.4	31.6	40.0	48.8	55.8	59.5	63.0	65.4	66.0	66.8	67.0	67.1	67.3	67.5	67.6	67.7
≥ 16000	5.4	31.6	40.1	48.9	55.9	59.6	63.1	65.5	66.1	66.9	67.1	67.2	67.4	67.6	67.7	67.8
≥ 14000	5.4	32.3	41.0	50.0	57.4	61.1	64.7	67.1	67.7	68.5	68.7	68.8	69.0	69.2	69.4	69.5
≥ 12000	5.7	34.4	43.1	52.3	60.1	63.9	67.5	69.9	70.6	71.5	71.7	71.8	72.0	72.3	72.4	72.5
≥ 10000	5.9	36.2	45.2	54.4	62.8	66.7	70.5	72.9	73.7	74.5	74.7	74.8	75.1	75.3	75.4	75.5
≥ 9000	5.9	36.8	45.7	55.2	63.5	67.5	71.4	73.9	74.6	75.5	75.7	75.8	76.0	76.2	76.3	76.5
≥ 8000	5.9	37.5	46.7	56.1	64.5	68.5	72.5	74.9	75.7	76.6	76.8	76.9	77.1	77.3	77.4	77.5
≥ 7000	5.9	37.7	47.0	56.7	65.2	69.2	73.3	75.9	76.7	77.5	77.8	78.0	78.3	78.5	78.6	78.7
≥ 6000	5.9	37.7	47.0	56.7	65.4	69.5	73.5	76.1	76.9	77.7	78.1	78.2	78.5	78.7	78.8	78.9
≥ 5000	5.9	38.0	47.5	57.2	65.9	70.1	74.4	77.0	77.7	78.6	78.9	79.0	79.4	79.6	79.7	79.8
≥ 4500	5.9	38.3	48.2	57.8	66.7	70.9	75.3	77.8	78.6	79.5	79.9	80.0	80.3	80.5	80.6	80.8
≥ 4000	5.9	38.6	48.5	58.2	67.0	71.2	75.7	78.3	79.0	79.9	80.3	80.4	80.8	81.0	81.1	81.2
≥ 3500	5.9	38.7	48.6	58.3	67.1	71.3	75.8	78.5	79.2	80.1	80.5	80.6	81.0	81.2	81.3	81.4
≥ 3000	5.9	38.8	48.8	58.5	67.4	71.6	76.2	79.0	79.9	80.8	81.2	81.3	81.6	81.8	81.9	82.0
≥ 2500	6.0	39.6	49.7	59.4	68.3	72.5	77.1	79.9	80.8	81.6	82.0	82.2	82.5	82.7	82.8	82.9
≥ 2000	6.0	39.9	50.0	59.8	69.0	73.5	78.3	81.1	81.9	82.8	83.2	83.3	83.7	83.9	84.0	84.1
≥ 1800	6.0	40.0	50.1	59.9	69.1	73.7	78.4	81.2	82.0	82.9	83.3	83.4	83.8	84.0	84.1	84.2
≥ 1500	6.0	40.3	50.5	60.3	69.8	74.5	79.4	82.3	83.1	84.0	84.4	84.5	84.8	85.1	85.2	85.3
≥ 1200	6.0	40.8	51.1	61.0	70.5	75.3	80.2	83.1	84.0	84.8	85.3	85.4	85.7	85.9	86.0	86.1
≥ 1000	6.0	41.1	51.5	61.4	71.0	75.7	80.8	83.7	84.5	85.4	85.8	85.9	86.2	86.5	86.7	86.8
≥ 900	6.3	41.6	52.0	62.0	71.7	76.5	81.5	84.4	85.3	86.1	86.6	86.7	87.0	87.2	87.4	87.5
≥ 800	6.3	42.6	53.1	63.3	73.1	77.8	83.1	86.0	86.9	87.7	88.2	88.3	88.6	88.8	89.0	89.1
≥ 700	6.5	42.9	53.7	63.9	74.1	79.1	84.4	87.3	88.2	89.0	89.5	89.6	89.9	90.1	90.3	90.4
≥ 600	6.5	43.2	54.3	64.6	74.9	80.2	85.5	88.4	89.2	90.1	90.5	90.6	91.0	91.2	91.4	91.5
≥ 500	6.5	43.7	54.8	65.5	76.0	81.8	87.2	90.1	91.0	91.9	92.4	92.5	92.8	93.0	93.2	93.3
≥ 400	6.5	43.7	55.1	65.9	76.9	83.0	89.1	92.4	93.3	94.3	94.7	94.8	95.2	95.4	95.6	95.7
≥ 300	6.5	43.7	55.1	66.1	77.6	83.8	90.5	93.9	95.2	96.5	97.0	97.1	97.6	97.8	98.1	98.2
≥ 200	6.5	43.7	55.1	66.1	77.7	84.0	90.8	94.1	95.5	96.8	97.5	97.7	98.4	99.0	99.4	99.5
≥ 100	6.5	43.7	55.1	66.1	77.7	84.0	90.8	94.1	95.5	96.8	97.5	97.7	98.9	99.6	99.9	100.0
≥ 0	6.5	43.7	55.1	66.1	77.7	84.0	90.8	94.1	95.5	96.8	97.5	97.7	98.9	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7273.6

COLUMBUS AFB MS

70,73-61

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥1/2
NO CEILING	20.0	54.9	59.1	62.2	63.1	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 2000	22.0	59.1	63.4	66.5	67.4	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 1800	22.3	59.9	64.2	67.2	68.2	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 1600	22.9	60.0	64.5	67.5	68.5	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 1400	23.7	61.7	66.2	69.4	70.3	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 1200	24.3	64.7	69.6	72.8	73.8	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 1000	25.4	67.4	72.3	75.5	76.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 900	25.4	67.7	72.6	75.8	77.0	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 800	25.9	68.6	73.4	76.8	78.0	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 700	26.0	69.0	74.0	77.3	78.5	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 600	26.1	69.4	74.3	77.6	78.8	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 500	26.2	69.6	74.6	78.0	79.1	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 450	26.2	70.0	75.1	78.4	79.6	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 400	26.3	71.2	76.3	79.7	80.9	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 350	26.6	72.7	77.8	81.2	82.4	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 300	27.1	74.4	79.6	82.9	84.1	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 250	27.6	75.9	81.1	84.4	85.7	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 200	28.8	78.0	83.3	86.9	88.4	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 1800	28.9	78.7	84.1	87.6	89.1	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 1500	29.4	80.5	86.0	89.7	91.4	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1200	29.9	81.8	87.4	91.1	93.0	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1000	30.3	83.1	88.7	92.4	94.5	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 900	30.5	83.5	89.2	92.9	95.1	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 800	30.6	84.0	90.1	94.0	96.2	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 700	30.8	84.4	90.8	94.7	97.0	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 600	30.9	84.4	90.9	95.2	97.6	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 500	30.8	84.4	90.9	95.5	98.2	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	30.8	84.4	90.9	95.6	98.3	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	30.8	84.4	90.9	95.6	98.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 200	30.8	84.4	90.9	95.6	98.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 100	30.8	84.4	90.9	95.6	98.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 0	30.8	84.4	90.9	95.6	98.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1213 6

COLUMBUS AFB MS

69-70,73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	3.1	27.2	35.8	42.4	49.7	51.3	55.3	57.1	57.7	58.8	58.9	58.9	58.9	58.9	59.0	59.3
≥ 20000	3.1	28.9	38.4	45.8	53.6	55.2	59.3	61.1	61.8	62.9	63.0	63.0	63.0	63.0	63.1	63.4
≥ 18000	3.2	29.0	38.7	46.0	53.8	55.4	59.6	61.3	62.0	63.1	63.2	63.2	63.2	63.2	63.3	63.7
≥ 16000	3.6	29.7	39.3	46.7	54.4	56.1	60.3	62.2	62.9	64.0	64.1	64.1	64.1	64.1	64.2	64.6
≥ 14000	3.6	30.2	39.9	47.2	55.1	56.8	61.0	62.9	63.6	64.7	64.8	64.8	64.8	64.8	64.9	65.2
≥ 12000	3.6	30.4	40.3	47.8	55.8	57.6	62.0	63.9	64.6	65.7	65.8	65.8	65.8	65.8	65.9	66.2
≥ 10000	3.8	32.9	43.3	50.9	59.3	61.1	65.6	67.4	68.2	69.3	69.4	69.4	69.4	69.4	69.6	69.9
≥ 9000	7.1	33.1	43.8	51.3	59.8	61.6	66.0	67.9	68.7	69.8	69.9	69.9	69.9	69.9	70.0	70.3
≥ 8000	3.6	34.1	45.2	53.2	62.2	64.0	68.4	70.3	71.1	72.2	72.3	72.3	72.3	72.3	72.4	72.8
≥ 7000	3.6	35.3	46.7	54.9	64.2	66.1	70.6	72.6	73.3	74.4	74.6	74.6	74.6	74.6	74.7	75.0
≥ 6000	3.7	35.9	47.4	55.7	65.2	67.1	71.6	73.6	74.3	75.4	75.6	75.6	75.6	75.6	75.7	76.0
≥ 5000	3.7	36.6	48.6	56.8	66.6	68.4	73.1	75.1	75.9	77.0	77.2	77.2	77.2	77.2	77.4	77.9
≥ 4500	3.7	36.8	48.8	57.0	66.8	68.7	73.3	75.3	76.1	77.2	77.4	77.4	77.4	77.4	77.6	78.1
≥ 4000	3.8	37.2	49.2	57.4	67.3	69.2	73.9	75.9	76.7	77.8	78.0	78.0	78.0	78.0	78.1	78.7
≥ 3500	4.0	37.7	50.1	58.6	68.4	70.3	75.1	77.1	77.9	79.0	79.2	79.2	79.2	79.2	79.3	79.9
≥ 3000	4.0	38.0	50.8	59.3	69.9	71.8	76.7	78.7	79.6	80.7	80.9	80.9	80.9	80.9	81.0	81.6
≥ 2500	4.0	38.1	51.3	60.1	70.7	72.6	77.4	79.4	80.3	81.4	81.7	81.7	81.7	81.7	81.8	82.3
≥ 2000	4.1	39.0	52.2	61.0	71.6	73.6	78.6	80.6	81.4	82.6	82.8	82.8	82.8	82.8	82.9	83.4
≥ 1800	4.2	39.2	52.6	61.3	71.9	73.9	78.9	80.9	81.8	82.9	83.1	83.1	83.1	83.1	83.2	83.8
≥ 1500	4.6	40.2	53.9	62.8	73.3	75.3	80.3	82.3	83.2	84.3	84.6	84.6	84.6	84.6	84.7	85.2
≥ 1200	4.8	41.4	55.2	64.1	74.7	76.7	81.7	83.7	84.6	85.7	85.9	85.9	85.9	85.9	86.0	86.6
≥ 1000	4.8	41.8	55.7	64.7	75.6	77.7	82.7	84.7	85.6	86.7	86.9	86.9	86.9	86.9	87.0	87.6
≥ 900	5.1	42.7	56.6	65.9	76.8	78.9	83.9	85.9	86.8	87.9	88.1	88.1	88.1	88.1	88.2	88.8
≥ 800	5.1	42.9	56.9	66.8	77.8	80.0	85.0	87.0	87.9	89.0	89.2	89.2	89.2	89.2	89.3	89.9
≥ 700	5.4	43.4	57.8	67.8	79.3	81.6	86.6	88.6	89.4	90.6	90.8	90.8	90.8	90.8	90.9	91.4
≥ 600	5.7	44.4	58.9	69.0	80.6	82.9	87.9	89.9	90.8	91.9	92.1	92.1	92.1	92.1	92.2	92.8
≥ 500	5.7	44.9	59.8	70.3	82.6	84.9	90.0	92.1	93.0	94.1	94.3	94.3	94.3	94.3	94.4	95.0
≥ 400	5.7	45.3	60.4	71.0	83.4	85.9	91.2	93.7	94.6	95.7	95.9	95.9	95.9	95.9	96.0	96.6
≥ 300	5.7	45.3	60.6	71.1	83.6	86.1	92.0	94.6	95.4	96.6	96.8	96.8	96.8	96.8	96.9	97.4
≥ 200	5.7	45.3	60.6	71.1	83.7	86.2	92.6	95.2	96.1	97.3	97.8	97.8	97.8	97.8	97.9	98.9
≥ 100	5.7	45.3	60.6	71.1	83.7	86.2	92.9	95.6	96.4	97.8	98.2	98.2	98.2	98.2	98.4	99.6
≥ 0	5.7	45.3	60.6	71.1	83.7	86.2	92.9	95.6	96.4	97.8	98.2	98.2	98.2	98.2	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

123306

COLUMBUS AFB MS

69-70,73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-1200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	18.4	60.3	65.4	67.5	68.8	69.2	69.7	70.0	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2
≥20000	19.5	63.1	68.5	70.8	72.2	72.6	73.0	73.3	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.9
≥18000	19.6	63.3	68.7	71.0	72.4	72.8	73.2	73.5	73.7	73.7	73.8	73.8	73.8	73.8	73.8	74.1
≥16000	19.7	63.4	68.8	71.1	72.5	72.9	73.3	73.7	73.8	73.8	73.9	73.9	73.9	73.9	73.9	74.2
≥14000	20.0	63.9	69.6	71.8	73.2	73.7	74.1	74.4	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.9
≥12000	20.8	65.4	71.1	73.3	74.7	75.2	75.6	75.9	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.5
≥10000	20.9	67.5	73.3	75.6	77.0	77.4	78.0	78.5	78.6	78.6	78.7	78.7	78.7	78.7	78.7	79.0
≥9000	20.9	67.6	73.4	75.7	77.4	77.8	78.4	78.9	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.5
≥8000	21.2	69.0	75.1	77.5	79.4	79.8	80.3	80.9	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.4
≥7000	21.2	70.1	76.2	78.7	80.5	81.0	81.5	82.2	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.7
≥6000	21.2	70.6	77.0	79.5	81.3	81.7	82.3	82.9	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.4
≥5000	21.2	71.7	78.3	81.0	83.2	83.7	84.2	84.8	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.4
≥4500	21.2	72.6	79.2	81.9	84.5	84.9	85.5	86.1	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.7
≥4000	21.2	73.1	79.8	82.5	85.2	85.6	86.1	86.8	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.3
≥3500	21.3	73.3	80.0	82.7	85.4	85.8	86.3	87.0	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.5
≥3000	21.3	74.6	81.4	84.1	87.0	87.4	88.0	88.6	88.7	88.7	88.8	88.8	88.8	88.8	88.8	89.1
≥2500	21.3	75.9	82.8	85.6	88.6	89.0	89.6	90.2	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.8
≥2000	21.3	76.7	83.5	86.3	89.4	89.8	90.6	91.3	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.9
≥1800	21.3	76.9	83.8	86.7	89.7	90.1	91.0	91.6	91.8	91.8	91.9	91.9	91.9	91.9	91.9	92.3
≥1500	21.3	77.6	84.5	87.4	90.5	91.1	91.9	92.6	92.8	92.8	92.9	92.9	92.9	92.9	92.9	93.2
≥1200	21.3	78.2	85.4	88.4	91.5	92.0	93.0	93.7	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.3
≥1000	21.3	78.8	86.5	89.5	92.7	93.2	94.4	95.1	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.7
≥900	21.3	79.8	87.5	90.8	94.0	94.5	95.8	96.5	96.7	96.7	96.8	96.8	96.8	96.8	96.8	97.1
≥800	21.3	79.8	87.6	91.0	94.6	95.2	96.5	97.1	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.7
≥700	21.3	79.8	87.6	91.0	94.8	95.6	97.1	97.7	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.4
≥600	21.3	79.8	87.6	91.3	95.3	96.1	97.6	98.4	98.6	98.6	98.7	98.7	98.7	98.7	98.7	99.0
≥500	21.3	79.8	87.7	91.4	95.5	96.3	98.1	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.7
≥400	21.3	79.8	87.7	91.4	95.5	96.5	98.1	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.8
≥300	21.3	79.8	87.7	91.5	95.6	96.6	98.2	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.9
≥200	21.3	79.8	87.7	91.5	95.6	96.6	98.2	99.2	99.5	99.5	99.7	99.7	99.7	99.7	99.7	100.0
≥100	21.3	79.8	87.7	91.5	95.6	96.6	98.2	99.2	99.5	99.5	99.7	99.7	99.7	99.7	99.7	100.0
≥0	21.3	79.8	87.7	91.5	95.6	96.6	98.2	99.2	99.5	99.5	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-3 (OL A) JUL 68 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723306

COLUMBUS AFB MS

69-70,73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	11.9	47.4	56.3	61.4	64.5	65.5	66.3	66.9	67.1	67.4	67.4	67.4	67.4	67.5	67.5	68.0
≥ 20000	12.5	49.9	58.9	64.2	67.7	68.7	69.7	70.2	70.4	70.8	70.8	70.8	70.8	70.9	70.9	71.6
≥ 18000	12.5	50.1	59.1	64.4	68.0	68.9	69.9	70.4	70.6	71.0	71.0	71.0	71.0	71.1	71.1	71.8
≥ 16000	12.6	50.4	59.5	64.7	68.4	69.4	70.3	70.9	71.1	71.4	71.4	71.4	71.4	71.5	71.5	72.3
≥ 14000	12.8	50.8	59.8	65.1	68.7	69.7	70.6	71.2	71.4	71.7	71.7	71.7	71.7	71.8	71.8	72.6
≥ 12000	12.9	52.0	61.2	66.6	70.2	71.2	72.2	72.7	72.9	73.2	73.2	73.2	73.2	73.3	73.3	74.1
≥ 10000	13.0	54.0	63.2	68.9	72.7	73.8	74.8	75.4	75.6	75.9	75.9	75.9	75.9	76.0	76.0	76.8
≥ 9000	13.0	54.3	63.7	69.4	73.2	74.3	75.4	75.9	76.1	76.5	76.5	76.5	76.5	76.6	76.6	77.3
≥ 8000	13.7	55.7	65.2	71.0	75.2	76.3	77.4	78.0	78.2	78.5	78.5	78.5	78.5	78.6	78.6	79.4
≥ 7000	13.7	56.1	65.6	71.8	76.1	77.3	78.4	78.9	79.1	79.5	79.5	79.5	79.5	79.6	79.6	80.3
≥ 6000	13.7	56.6	66.1	72.4	76.7	77.8	78.9	79.5	79.7	80.0	80.0	80.0	80.0	80.1	80.1	80.9
≥ 5000	13.7	56.9	66.9	73.1	77.4	78.6	79.7	80.2	80.4	80.8	80.8	80.8	80.8	80.9	80.9	81.6
≥ 4500	13.7	57.5	67.7	74.1	78.4	79.6	80.6	81.2	81.4	81.7	81.7	81.7	81.7	81.8	81.8	82.6
≥ 4000	13.7	58.2	68.4	74.8	79.2	80.4	81.5	82.0	82.3	82.6	82.6	82.6	82.6	82.7	82.7	83.4
≥ 3500	13.7	58.5	68.8	75.4	79.8	81.0	82.0	82.6	82.8	83.1	83.1	83.1	83.1	83.2	83.2	84.0
≥ 3000	13.8	59.5	69.9	76.5	80.9	82.0	83.1	83.7	83.9	84.2	84.2	84.2	84.2	84.3	84.3	85.1
≥ 2500	13.8	60.1	70.5	77.5	81.9	83.2	84.4	84.9	85.4	85.7	85.7	85.7	85.7	85.8	85.8	86.6
≥ 2000	13.8	61.5	72.0	79.5	84.0	85.5	86.9	87.4	87.8	88.2	88.3	88.3	88.3	88.4	88.4	89.1
≥ 1800	13.8	62.2	72.7	80.1	84.6	86.1	87.6	88.2	88.6	88.9	89.0	89.0	89.0	89.1	89.1	89.9
≥ 1500	13.8	62.5	73.3	81.0	86.0	87.6	89.2	89.8	90.2	90.5	90.6	90.6	90.6	90.8	90.8	91.5
≥ 1200	13.8	63.7	74.8	82.8	88.0	89.6	91.4	91.9	92.4	92.7	92.8	92.8	92.8	92.9	92.9	93.7
≥ 1000	13.8	64.6	76.0	84.1	89.4	91.0	93.1	93.7	94.1	94.4	94.5	94.5	94.5	94.6	94.6	95.4
≥ 900	13.8	64.8	76.2	84.6	89.9	91.6	94.1	94.6	95.1	95.4	95.5	95.5	95.5	95.6	95.6	96.3
≥ 800	13.8	64.8	76.3	84.8	90.2	92.0	94.6	95.2	95.7	96.0	96.1	96.1	96.1	96.2	96.2	97.0
≥ 700	13.8	64.8	76.3	84.9	90.3	92.2	94.7	95.3	95.9	96.2	96.3	96.3	96.3	96.5	96.5	97.2
≥ 600	13.8	64.9	76.5	85.5	90.9	92.7	95.4	95.9	96.6	96.9	97.0	97.0	97.0	97.1	97.1	97.8
≥ 500	13.8	65.1	76.6	85.8	91.4	93.3	96.2	96.8	97.4	97.7	97.8	97.8	97.8	98.0	98.0	98.7
≥ 400	13.8	65.1	76.6	86.0	91.7	93.7	96.6	97.2	97.8	98.2	98.3	98.3	98.3	98.4	98.4	99.1
≥ 300	13.8	65.1	76.6	86.0	91.7	93.7	96.6	97.3	98.0	98.3	98.4	98.4	98.4	98.6	98.6	99.4
≥ 200	13.8	65.1	76.6	86.0	91.7	93.7	96.6	97.7	98.4	98.7	98.8	98.8	98.8	99.0	99.1	100.0
≥ 100	13.8	65.1	76.6	86.0	91.7	93.7	96.6	97.7	98.4	98.7	98.8	98.8	98.8	99.0	99.1	100.0
≥ 0	13.8	65.1	76.6	86.0	91.7	93.7	96.6	97.7	98.4	98.7	98.8	98.8	98.8	99.0	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723376

COLUMBUS AFB MS

69-70,73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

3600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	12.7	34.9	41.7	47.5	52.3	54.4	56.0	57.0	57.4	57.7	58.0	58.1	58.3	58.3	58.4	58.7
≥ 20000	13.3	36.9	44.3	50.6	55.6	57.8	59.6	60.9	61.6	61.9	62.2	62.4	62.6	62.6	62.8	63.1
≥ 18000	13.3	36.9	44.3	50.6	55.6	57.8	59.6	60.9	61.6	61.9	62.2	62.4	62.6	62.6	62.8	63.1
≥ 16000	13.4	37.1	44.5	50.9	55.8	58.1	59.8	61.1	61.8	62.2	62.4	62.6	62.8	62.8	63.0	63.3
≥ 14000	13.5	37.4	44.9	51.3	56.3	58.6	60.3	61.6	62.4	62.7	62.9	63.1	63.3	63.3	63.5	63.9
≥ 12000	13.7	38.6	46.2	52.8	57.8	60.1	61.8	63.1	63.9	64.2	64.4	64.6	64.8	64.8	65.1	65.4
≥ 10000	13.9	40.5	48.2	54.9	60.0	62.3	64.0	65.6	66.3	66.7	66.9	67.1	67.3	67.3	67.5	67.8
≥ 9000	14.0	41.1	48.8	55.7	60.8	63.0	64.7	66.3	67.1	67.4	67.6	67.8	68.1	68.1	68.3	68.6
≥ 8000	14.1	42.6	50.5	57.7	63.0	65.3	67.1	68.7	69.5	69.8	70.0	70.2	70.4	70.4	70.6	71.0
≥ 7000	14.2	44.1	52.5	59.9	65.7	68.0	69.8	71.4	72.3	72.6	72.8	73.0	73.2	73.2	73.4	73.8
≥ 6000	14.3	44.5	52.9	60.4	66.5	68.7	71.0	72.6	73.5	73.9	74.1	74.3	74.5	74.5	74.7	75.1
≥ 5000	14.3	44.8	53.2	60.8	67.0	69.4	71.7	73.3	74.3	74.6	74.8	75.1	75.3	75.3	75.5	75.8
≥ 4500	14.7	45.5	53.9	61.4	67.6	70.0	72.4	74.0	75.1	75.4	75.6	75.8	76.0	76.0	76.2	76.6
≥ 4000	14.8	46.2	54.7	62.3	68.6	71.0	73.3	74.9	76.0	76.3	76.6	76.8	77.0	77.0	77.2	77.5
≥ 3500	14.8	46.7	55.3	62.9	69.4	71.7	74.1	75.7	76.8	77.1	77.3	77.5	77.7	77.7	78.0	78.3
≥ 3000	15.1	47.4	56.0	63.7	70.1	72.5	74.8	76.5	77.5	77.8	78.1	78.3	78.5	78.5	78.7	79.0
≥ 2500	15.1	48.0	56.7	64.5	71.2	73.5	75.9	77.5	78.6	78.9	79.1	79.4	79.6	79.6	79.8	80.1
≥ 2000	15.4	48.8	57.7	65.8	72.7	75.4	77.7	79.4	80.4	80.8	81.0	81.2	81.4	81.4	81.6	81.9
≥ 1800	15.4	49.6	58.5	66.6	73.5	76.2	78.6	80.2	81.3	81.6	81.8	82.0	82.3	82.3	82.5	82.8
≥ 1500	15.5	51.1	60.1	68.4	76.2	78.9	81.3	83.0	84.1	84.4	84.6	84.8	85.1	85.1	85.3	85.6
≥ 1200	15.8	52.0	61.1	69.7	77.6	80.3	83.0	84.8	85.9	86.3	86.6	86.8	87.0	87.0	87.2	87.5
≥ 1000	16.1	53.1	62.5	71.6	79.9	82.7	85.7	88.0	89.0	89.5	89.8	90.0	90.2	90.2	90.4	90.8
≥ 900	16.1	53.2	62.7	71.8	80.3	83.3	86.5	88.7	89.8	90.2	90.5	90.8	91.0	91.0	91.2	91.5
≥ 800	16.2	54.0	63.9	73.7	82.2	85.2	88.5	90.8	91.8	92.4	92.7	92.9	93.1	93.1	93.3	93.7
≥ 700	16.3	54.4	64.4	74.3	83.0	86.0	89.4	91.6	92.7	93.3	93.7	93.9	94.1	94.1	94.3	94.6
≥ 600	16.3	54.4	64.6	74.5	83.3	86.5	90.1	92.5	93.5	94.2	94.6	94.8	95.1	95.1	95.3	95.6
≥ 500	16.3	54.4	64.7	75.2	84.3	87.5	91.4	93.9	94.9	95.6	96.0	96.2	96.5	96.5	96.7	97.0
≥ 400	16.3	54.6	64.9	75.6	84.9	88.2	92.3	94.8	96.0	96.7	97.1	97.3	97.5	97.5	97.7	98.1
≥ 300	16.3	54.6	64.9	75.6	84.9	88.2	92.4	94.9	96.1	96.9	97.6	98.0	98.3	98.3	98.5	98.8
≥ 200	16.3	54.6	64.9	75.6	84.9	88.2	92.4	95.1	96.2	97.1	97.8	98.2	98.7	98.8	99.0	99.4
≥ 100	16.3	54.6	64.9	75.6	84.9	88.2	92.4	95.1	96.2	97.2	98.0	98.3	98.8	98.9	99.1	99.9
≥ 0	16.3	54.6	64.9	75.6	84.9	88.2	92.4	95.1	96.2	97.2	98.0	98.3	98.8	98.9	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723306

COLUMBUS AFB MS

69-70,73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

5900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING	33.2	59.4	61.1	61.5	61.9	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 20000	35.3	63.7	65.7	66.1	66.7	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 18000	35.4	64.0	66.0	66.5	67.0	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 16000	35.4	64.0	66.1	66.6	67.1	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 14000	35.8	64.6	66.8	67.2	67.7	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 12000	36.7	65.9	68.1	68.5	69.0	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 10000	37.0	68.2	70.3	70.8	71.3	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 9000	37.0	68.5	70.8	71.3	71.8	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 8000	37.1	70.3	72.8	73.3	74.0	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 7000	37.6	71.5	74.0	74.6	75.4	75.7	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 6000	37.7	72.2	74.7	75.4	76.3	76.8	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 5000	38.1	72.6	75.3	75.9	77.0	77.4	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 4500	38.1	72.7	75.4	76.0	77.1	77.5	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 4000	38.1	73.4	76.2	76.9	78.1	78.5	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 3500	38.3	74.4	77.2	77.8	79.0	79.5	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 3000	39.1	75.6	78.4	79.0	80.3	80.8	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 2500	39.6	76.9	79.8	80.4	81.7	82.2	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 2000	40.3	79.1	82.0	82.9	84.2	84.6	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 1800	40.6	80.0	82.9	83.8	85.2	85.6	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 1500	40.9	81.6	84.7	85.7	87.1	87.5	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 1200	41.2	83.2	86.6	87.6	89.0	89.5	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1000	41.4	84.9	88.8	90.3	92.3	92.7	92.9	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 900	41.4	85.8	89.8	91.3	93.2	93.8	94.2	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5
IV 800	41.6	86.3	90.4	92.0	94.2	94.7	95.2	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 700	41.9	86.9	91.0	92.6	94.9	95.5	96.0	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 600	41.9	87.1	91.3	93.4	95.7	96.5	97.0	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 500	41.9	87.4	91.6	94.2	96.7	97.5	98.2	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 400	41.9	87.4	92.0	94.5	97.1	98.0	98.6	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 300	41.9	87.4	92.0	94.5	97.1	98.0	98.7	99.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7
IV 200	41.9	87.4	92.0	94.5	97.1	98.0	98.8	99.2	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	41.9	87.4	92.0	94.5	97.1	98.0	98.8	99.2	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 0	41.9	87.4	92.0	94.5	97.1	98.0	98.8	99.2	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7273-6

COLUMBUS AFB MS

69-70, 73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	49.8	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 20000	53.2	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 18000	53.2	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 16000	53.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 14000	53.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 12000	55.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 10000	55.8	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 9000	56.1	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 8000	56.8	75.8	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 7000	57.2	77.0	77.2	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 6000	57.4	77.6	78.0	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 5000	57.7	78.2	78.6	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 4500	57.8	78.7	79.2	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 4000	58.6	79.8	80.3	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 3500	60.2	82.4	82.9	83.4	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 3000	62.0	85.1	85.6	86.1	86.5	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 2500	62.7	87.2	87.7	88.3	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 2000	63.0	88.7	89.4	89.9	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 1800	63.5	89.8	90.5	91.1	91.4	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1500	64.1	92.5	93.4	94.0	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1200	64.2	93.0	94.0	94.7	95.1	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1000	64.5	94.8	96.1	97.0	97.4	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 900	64.6	95.1	96.3	97.2	97.6	97.7	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800	64.7	95.8	97.1	98.0	98.4	98.5	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	64.7	95.8	97.1	98.2	98.7	98.8	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	64.7	95.8	97.2	98.4	99.0	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	64.7	95.9	97.3	98.7	99.4	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	64.7	95.9	97.3	98.7	99.4	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	64.7	95.9	97.3	98.7	99.4	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	64.7	95.9	97.3	98.7	99.4	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	64.7	95.9	97.3	98.7	99.4	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	64.7	95.9	97.3	98.7	99.4	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7233 16

COLUMBUS AFB MS

69-70,73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING	53.8	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 20000	60.6	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 18000	60.8	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 16000	61.2	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 14000	61.7	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 12000	62.2	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 10000	63.0	78.8	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 9000	63.2	79.2	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 8000	64.1	81.0	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 7000	64.3	81.7	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 6000	64.4	82.0	82.6	82.7	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 5000	64.4	82.6	83.2	83.3	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 4500	65.2	83.9	84.5	84.6	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 4000	65.6	85.5	86.1	86.3	86.8	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 3500	66.5	87.4	88.1	88.3	89.0	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 3000	67.2	88.6	89.5	89.7	90.4	90.5	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 2500	67.7	89.9	90.9	91.1	91.9	92.0	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 2000	68.1	91.3	92.4	92.6	93.4	93.5	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1800	68.1	91.4	92.5	92.7	93.5	93.7	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1500	68.8	92.8	93.9	94.1	94.9	95.1	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1200	68.8	93.5	94.6	94.9	95.8	95.9	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1000	69.0	94.3	95.4	95.7	96.6	96.7	97.3	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 900	69.0	94.6	95.9	96.2	97.2	97.3	98.0	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 800	69.2	95.2	96.5	96.8	97.7	97.8	98.5	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	69.2	95.2	96.5	96.8	97.8	98.0	98.7	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	69.4	95.3	96.6	96.9	98.1	98.4	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	69.4	95.3	96.6	96.9	98.2	98.5	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	69.4	95.3	96.6	96.9	98.2	98.5	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	69.4	95.3	96.6	96.9	98.2	98.6	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	69.4	95.3	96.6	96.9	98.2	98.6	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	69.4	95.3	96.6	96.9	98.2	98.6	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	69.4	95.3	96.6	96.9	98.2	98.6	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 931

USAF ETAC FORM 0-14-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723316

COLUMBUS AFB MS

69-70,73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	45.0	70.2	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 20000	46.5	73.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 18000	46.6	74.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 16000	47.0	75.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 14000	47.4	75.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 12000	47.6	76.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 10000	47.6	77.6	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 9000	47.9	78.3	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 8000	48.0	79.3	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 7000	48.7	81.3	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 6000	48.7	81.4	82.6	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 5000	48.8	81.8	83.0	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 4500	48.8	82.9	84.2	84.3	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 4000	48.9	83.9	85.1	85.5	85.8	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 3500	49.1	85.0	86.3	86.7	87.0	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 3000	49.5	87.4	88.8	89.2	89.6	90.1	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 2500	49.5	88.4	89.8	90.3	90.7	91.4	91.9	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 2000	49.5	89.6	91.1	91.7	92.1	92.8	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1800	49.5	89.7	91.2	91.8	92.2	92.9	93.4	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1500	49.8	91.0	92.5	93.4	94.0	94.6	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1200	49.8	91.2	92.7	93.6	94.3	94.9	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1000	49.8	91.8	93.3	94.3	95.0	95.7	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 900	49.8	92.7	94.2	95.2	95.9	96.7	97.7	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800	50.2	93.1	94.6	95.9	96.7	97.4	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	50.2	93.2	94.7	96.0	96.9	97.7	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	50.2	93.2	94.8	96.1	97.1	98.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	50.2	93.2	94.8	96.1	97.1	98.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	50.2	93.2	94.8	96.1	97.1	98.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	50.2	93.2	94.8	96.1	97.1	98.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	50.2	93.2	94.8	96.1	97.1	98.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	50.2	93.2	94.8	96.1	97.1	98.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	50.2	93.2	94.8	96.1	97.1	98.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723376

COLUMBUS AFB MS

69-70, 73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.A.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	32.3 33.2	69.6 73.0	71.3 74.9	71.9 75.7	72.5 76.2	72.6 76.3	72.6 76.3	72.6 76.3	72.7 76.5	72.7 76.5	72.8 76.6	72.8 76.6	72.8 76.6	72.8 76.6	72.8 76.6	72.8 76.6	72.8 76.6
IV 18000 16000	33.5 33.7	73.7 73.8	75.6 75.7	76.3 76.5	76.9 77.0	77.0 77.1	77.0 77.1	77.0 77.1	77.1 77.2	77.1 77.2	77.2 77.3	77.2 77.3	77.2 77.3	77.2 77.3	77.2 77.3	77.2 77.3	77.2 77.3
IV 14000 12000	34.1 34.4	74.8 75.6	76.8 77.7	77.5 78.5	78.1 79.0	78.2 79.1	78.2 79.1	78.2 79.1	78.3 79.2	78.3 79.2	78.4 79.4	78.4 79.4	78.4 79.4	78.4 79.4	78.4 79.4	78.4 79.4	78.4 79.4
IV 10000 9000	34.9 35.1	77.4 77.8	79.8 80.2	80.6 81.1	81.2 81.6	81.3 81.7	81.3 81.7	81.3 81.7	81.4 81.8	81.4 81.8	81.5 81.9	81.5 81.9	81.5 81.9	81.5 81.9	81.5 81.9	81.5 81.9	81.5 81.9
IV 8000 7000	35.2 35.3	79.4 80.5	81.7 82.9	82.6 83.8	83.2 84.4	83.3 84.5	83.3 84.5	83.3 84.5	83.4 84.6	83.4 84.6	83.5 84.7	83.5 84.7	83.5 84.7	83.5 84.7	83.5 84.7	83.5 84.7	83.5 84.7
IV 6000 5000	35.6 35.6	81.2 81.6	83.5 84.2	84.4 85.1	85.1 85.7	85.2 85.8	85.2 85.8	85.2 85.8	85.3 85.9	85.3 85.9	85.4 86.0	85.4 86.0	85.4 86.0	85.4 86.0	85.4 86.0	85.4 86.0	85.4 86.0
IV 4500 4000	35.6 35.6	82.8 83.1	85.4 85.7	86.2 86.7	87.0 87.5	87.1 87.8	87.1 88.1	87.1 88.1	87.2 88.2	87.2 88.2	87.3 88.3	87.3 88.3	87.3 88.3	87.3 88.3	87.3 88.3	87.3 88.3	87.3 88.3
IV 3500 3000	35.6 35.7	83.4 85.1	86.0 88.0	87.0 88.9	87.8 89.8	88.3 90.2	88.5 90.5	88.5 90.5	88.6 90.6	88.6 90.6	88.7 90.8	88.7 90.8	88.7 90.8	88.7 90.8	88.7 90.8	88.7 90.8	88.7 90.8
IV 2500 2000	35.7 35.7	86.0 86.7	88.9 89.7	90.0 90.8	91.0 91.7	91.8 92.6	92.2 92.9	92.2 92.9	92.3 93.0	92.3 93.0	92.4 93.1	92.4 93.1	92.4 93.1	92.4 93.1	92.4 93.1	92.4 93.1	92.4 93.1
IV 1800 1500	35.7 35.9	87.0 87.8	90.0 90.9	91.1 92.0	92.0 93.0	92.9 94.0	93.2 94.3	93.2 94.3	93.3 94.4	93.3 94.4	93.4 94.5	93.4 94.5	93.4 94.5	93.4 94.5	93.4 94.5	93.4 94.5	93.4 94.5
IV 1200 1000	36.0 36.0	88.4 88.7	91.5 91.9	92.8 93.2	93.8 94.2	94.7 95.3	95.1 95.7	95.1 95.8	95.2 95.9	95.2 95.9	95.3 96.0	95.3 96.0	95.3 96.0	95.3 96.0	95.3 96.0	95.3 96.0	95.3 96.0
IV 900 800	36.2 36.5	89.8 90.3	93.3 94.5	94.6 96.0	95.6 97.0	96.7 98.1	97.1 98.5	97.2 98.6	97.3 98.7	97.3 98.7	97.4 98.8	97.4 98.8	97.4 98.8	97.4 98.8	97.4 98.8	97.4 98.8	97.4 98.8
IV 700 600	36.5 36.5	90.3 90.3	94.5 94.5	96.1 96.2	97.1 97.2	98.2 98.4	99.0 99.2	99.1 99.5	99.2 99.6	99.2 99.6	99.4 99.7	99.4 99.7	99.4 99.7	99.4 99.7	99.4 99.7	99.4 99.7	99.4 99.7
IV 500 400	36.5 36.5	90.3 90.3	94.5 94.5	96.3 96.3	97.3 97.3	98.6 98.6	99.6 99.6	99.8 99.8	99.9 99.9	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 300 200	36.5 36.5	90.3 90.3	94.5 94.5	96.3 96.3	97.3 97.3	98.6 98.6	99.6 99.6	99.8 99.8	99.9 99.9	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 100 0	36.5 36.5	90.3 90.3	94.5 94.5	96.3 96.3	97.3 97.3	98.6 98.6	99.6 99.6	99.8 99.8	99.9 99.9	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATTN: WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72336

COLUMBUS AFB MS

69-70, 73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	32.1	58.6	61.7	63.5	64.7	65.2	65.6	65.8	65.9	66.0	66.1	66.1	66.1	66.1	66.1	66.2
≥ 20000	34.3	62.6	66.0	67.9	69.2	69.7	70.1	70.4	70.6	70.6	70.7	70.7	70.8	70.8	70.8	71.0
≥ 18000	34.4	62.9	66.3	68.2	69.6	70.1	70.5	70.7	70.9	71.0	71.0	71.1	71.1	71.1	71.2	71.3
≥ 16000	34.5	63.3	66.7	68.6	69.9	70.5	70.9	71.1	71.3	71.4	71.4	71.4	71.5	71.5	71.5	71.7
≥ 14000	34.9	64.0	67.5	69.3	70.7	71.2	71.6	71.9	72.1	72.1	72.2	72.2	72.3	72.3	72.3	72.5
≥ 12000	35.4	65.3	68.8	70.7	72.1	72.6	73.0	73.3	73.5	73.5	73.6	73.6	73.7	73.7	73.7	73.9
≥ 10000	35.8	67.3	70.9	72.9	74.3	74.8	75.3	75.6	75.8	75.8	75.9	75.9	76.0	76.0	76.0	76.2
≥ 9000	35.9	67.7	71.3	73.4	74.8	75.4	75.8	76.1	76.3	76.4	76.4	76.4	76.5	76.5	76.5	76.7
≥ 8000	36.3	69.1	72.9	75.0	76.6	77.1	77.6	77.9	78.1	78.1	78.2	78.2	78.3	78.3	78.3	78.5
≥ 7000	36.5	70.3	74.1	76.3	78.0	78.6	79.0	79.4	79.5	79.6	79.7	79.7	79.7	79.7	79.8	79.9
≥ 6000	36.6	70.8	74.7	76.9	78.7	79.3	79.8	80.2	80.3	80.4	80.5	80.5	80.5	80.5	80.6	80.7
≥ 5000	36.7	71.3	75.3	77.7	79.6	80.2	80.7	81.0	81.2	81.3	81.3	81.4	81.4	81.4	81.5	81.6
≥ 4500	36.9	72.1	76.2	78.5	80.5	81.1	81.6	82.0	82.2	82.2	82.3	82.3	82.4	82.4	82.4	82.6
≥ 4000	37.0	72.9	77.1	79.5	81.5	82.1	82.7	83.1	83.3	83.4	83.4	83.5	83.5	83.5	83.5	83.7
≥ 3500	37.4	73.9	78.1	80.5	82.6	83.3	83.9	84.2	84.4	84.5	84.6	84.6	84.6	84.6	84.7	84.8
≥ 3000	38.0	75.4	79.7	82.1	84.3	85.0	85.7	86.1	86.2	86.3	86.4	86.4	86.4	86.4	86.5	86.7
≥ 2500	38.2	76.5	80.9	83.5	85.7	86.5	87.2	87.6	87.8	87.9	87.9	88.0	88.0	88.0	88.0	88.2
≥ 2000	38.4	77.8	82.2	84.9	87.2	88.1	88.8	89.2	89.4	89.5	89.6	89.6	89.7	89.7	89.7	89.9
≥ 1800	38.5	78.3	82.8	85.5	87.8	88.6	89.4	89.8	90.0	90.1	90.2	90.2	90.2	90.2	90.3	90.4
≥ 1500	38.8	79.6	84.2	87.0	89.5	90.4	91.2	91.6	91.9	91.9	92.0	92.0	92.1	92.1	92.1	92.3
≥ 1200	38.9	80.4	85.1	88.1	90.6	91.5	92.5	92.9	93.1	93.2	93.3	93.3	93.4	93.4	93.4	93.6
≥ 1000	39.0	81.4	86.3	89.5	92.2	93.1	94.2	94.7	95.0	95.1	95.2	95.2	95.2	95.2	95.3	95.4
≥ 900	39.1	82.0	87.0	90.2	93.0	94.0	95.2	95.7	95.9	96.1	96.1	96.2	96.2	96.2	96.3	96.4
≥ 800	39.2	82.4	87.6	91.0	93.9	94.9	96.1	96.7	96.9	97.1	97.2	97.2	97.2	97.2	97.3	97.4
≥ 700	39.3	82.6	87.8	91.3	94.2	95.2	96.7	97.2	97.5	97.6	97.7	97.7	97.8	97.8	97.8	98.0
≥ 600	39.3	82.6	87.9	91.5	94.6	95.7	97.2	97.8	98.1	98.2	98.3	98.4	98.4	98.4	98.5	98.6
≥ 500	39.3	82.7	88.0	91.8	95.0	96.2	97.8	98.4	98.7	98.9	99.0	99.0	99.0	99.0	99.1	99.2
≥ 400	39.3	82.7	88.1	91.9	95.1	96.4	98.0	98.7	99.0	99.2	99.3	99.3	99.3	99.3	99.4	99.5
≥ 300	39.3	82.7	88.1	92.0	95.2	96.4	98.0	98.7	99.1	99.3	99.4	99.4	99.5	99.5	99.6	99.7
≥ 200	39.3	82.7	88.1	92.0	95.2	96.4	98.1	98.8	99.1	99.4	99.5	99.6	99.7	99.7	99.8	99.9
≥ 100	39.3	82.7	88.1	92.0	95.2	96.4	98.1	98.8	99.1	99.4	99.5	99.6	99.7	99.7	99.8	100.0
≥ 0	39.3	82.7	88.1	92.0	95.2	96.4	98.1	98.8	99.1	99.4	99.5	99.6	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7439

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723306

COLUMBUS AFB MS

69-70, 73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	24.6	53.9	56.3	57.7	59.1	59.1	59.7	60.3	60.4	60.9	61.1	61.1	61.4	61.6	61.7	61.9
≥ 20000	25.3	56.2	58.7	60.0	61.4	61.4	62.0	62.7	62.8	63.3	63.6	63.6	63.9	64.0	64.1	64.3
≥ 18000	25.3	56.4	58.9	60.2	61.7	61.7	62.2	63.1	63.2	63.8	64.0	64.0	64.3	64.4	64.6	64.8
≥ 16000	25.6	56.7	59.1	60.4	61.9	61.9	62.6	63.4	63.6	64.1	64.3	64.3	64.7	64.8	64.9	65.1
≥ 14000	25.7	57.0	59.4	60.8	62.2	62.2	62.9	63.8	63.9	64.4	64.7	64.7	65.0	65.1	65.2	65.4
≥ 12000	26.1	58.1	60.6	61.9	63.3	63.3	64.0	64.9	65.0	65.6	65.8	65.8	66.1	66.2	66.3	66.6
≥ 10000	26.4	59.2	61.8	63.1	64.6	64.6	65.2	66.1	66.2	66.8	67.0	67.0	67.3	67.4	67.6	67.8
≥ 9000	26.7	59.8	62.3	63.8	65.2	65.2	65.9	66.8	66.9	67.4	67.7	67.7	68.0	68.1	68.2	68.4
≥ 8000	27.4	61.2	63.8	65.2	66.7	66.7	67.7	68.6	68.7	69.2	69.4	69.4	69.8	69.9	70.0	70.2
≥ 7000	27.4	61.7	64.6	66.2	67.7	67.7	68.7	69.6	69.7	70.2	70.4	70.4	70.8	70.9	71.0	71.2
≥ 6000	28.4	63.3	66.4	68.2	69.7	69.7	70.7	71.6	71.7	72.2	72.4	72.4	72.8	72.9	73.0	73.2
≥ 5000	29.1	64.8	67.9	69.7	71.1	71.1	72.1	73.0	73.1	73.7	73.9	73.9	74.2	74.3	74.4	74.7
≥ 4500	29.8	66.9	70.0	72.0	73.7	73.8	74.8	75.7	75.8	76.3	76.7	76.7	77.0	77.1	77.2	77.4
≥ 4000	29.8	68.4	71.7	73.8	75.6	75.7	76.7	77.7	77.8	78.3	78.7	78.7	79.0	79.1	79.2	79.4
≥ 3500	30.4	70.2	73.7	75.8	77.6	77.7	78.7	79.7	79.8	80.3	80.7	80.7	81.0	81.1	81.2	81.4
≥ 3000	30.8	71.7	75.1	77.3	79.4	79.6	80.6	81.6	81.7	82.2	82.6	82.6	82.9	83.0	83.1	83.3
≥ 2500	30.8	72.9	76.3	78.6	80.7	80.8	81.8	82.8	82.9	83.4	83.8	83.8	84.1	84.2	84.3	84.6
≥ 2000	31.3	74.4	78.1	80.3	82.7	82.8	83.8	84.8	84.9	85.4	85.8	85.8	86.1	86.2	86.3	86.6
≥ 1800	31.4	74.8	78.4	80.7	83.1	83.2	84.2	85.2	85.3	85.9	86.2	86.2	86.6	86.7	86.8	87.0
≥ 1500	32.1	76.9	80.7	83.0	85.8	85.9	87.0	88.0	88.1	88.7	89.0	89.0	89.3	89.4	89.6	89.8
≥ 1200	32.1	77.1	81.0	83.3	86.1	86.2	87.3	88.6	88.7	89.3	89.7	89.7	90.0	90.1	90.2	90.4
≥ 1000	32.2	77.8	81.8	84.2	87.4	87.6	88.9	90.2	90.3	91.0	91.3	91.3	91.7	91.8	91.9	92.1
≥ 900	32.2	78.0	82.1	84.9	88.2	88.3	89.8	91.1	91.2	91.9	92.2	92.2	92.6	92.7	92.8	93.0
≥ 800	32.2	78.8	82.9	85.7	89.3	89.4	90.9	92.4	92.6	93.2	93.6	93.6	93.9	94.0	94.1	94.3
≥ 700	32.4	79.2	83.3	86.1	89.8	89.9	91.3	92.9	93.0	93.7	94.0	94.0	94.3	94.4	94.6	94.8
≥ 600	32.6	79.8	83.9	86.8	90.7	90.8	92.2	93.8	93.9	94.6	94.9	94.9	95.2	95.3	95.4	95.7
≥ 500	32.6	79.8	84.0	87.0	91.3	91.6	93.0	94.8	94.9	95.6	95.9	95.9	96.2	96.3	96.4	96.7
≥ 400	32.6	79.9	84.2	87.4	92.0	92.2	93.7	95.7	95.9	96.8	97.1	97.1	97.4	97.6	97.7	97.9
≥ 300	32.6	79.9	84.2	87.4	92.0	92.2	93.8	95.8	96.1	97.1	97.4	97.4	97.9	98.0	98.2	98.4
≥ 200	32.6	79.9	84.2	87.4	92.0	92.2	93.9	95.9	96.4	97.4	97.9	97.9	98.7	98.9	99.1	99.6
≥ 100	32.6	79.9	84.2	87.4	92.0	92.2	93.9	95.9	96.4	97.4	97.9	97.9	98.7	99.1	99.3	100.0
≥ 0	32.6	79.9	84.2	87.4	92.0	92.2	93.9	95.9	96.4	97.4	97.9	97.9	98.7	99.1	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723376

COLUMBUS AFB MS

69-70,73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/10	≥1/16	≥0
NO CEILING	16.7	46.2	50.3	52.4	53.9	54.3	54.9	56.0	56.1	56.2	57.0	57.0	57.2	57.2	57.2	57.7
≥ 20000	16.8	48.0	52.2	54.4	55.9	56.3	56.9	58.0	58.2	58.3	59.1	59.1	59.3	59.3	59.3	59.8
≥ 18000	16.8	48.2	52.4	54.7	56.1	56.6	57.1	58.2	58.4	58.6	59.3	59.3	59.6	59.6	59.6	60.0
≥ 16000	16.9	48.3	52.7	54.9	56.3	56.8	57.3	58.4	58.7	58.8	59.6	59.6	59.8	59.8	59.8	60.2
≥ 14000	17.0	48.7	53.0	55.2	56.7	57.1	57.7	58.8	59.0	59.1	59.9	59.9	60.1	60.1	60.1	60.6
≥ 12000	17.4	50.3	54.9	57.1	58.6	59.0	59.6	60.7	60.9	61.0	61.8	61.8	62.0	62.0	62.0	62.4
≥ 10000	17.4	51.1	55.8	58.0	59.4	59.9	60.4	61.6	61.8	61.9	62.7	62.7	62.9	62.9	62.9	63.3
≥ 9000	17.4	51.3	56.0	58.2	59.7	60.1	60.7	61.8	62.0	62.1	62.9	62.9	63.1	63.1	63.1	63.6
≥ 8000	17.6	52.6	57.6	59.9	61.3	61.9	62.7	63.8	64.0	64.1	64.9	64.9	65.1	65.1	65.1	65.6
≥ 7000	18.2	54.2	59.3	61.7	63.1	63.7	64.4	65.6	65.8	65.9	66.7	66.7	66.9	66.9	66.9	67.3
≥ 6000	18.4	55.0	60.1	62.4	63.9	64.4	65.2	66.3	66.6	66.7	67.4	67.4	67.7	67.7	67.7	68.1
≥ 5000	19.2	57.2	62.7	65.0	66.4	67.0	67.8	68.9	69.1	69.2	70.0	70.0	70.2	70.2	70.2	70.7
≥ 4500	19.7	59.0	64.8	67.3	68.8	69.3	70.1	71.2	71.4	71.6	72.4	72.4	72.7	72.7	72.7	73.1
≥ 4000	19.7	60.6	66.4	69.1	70.8	71.3	72.1	73.2	73.4	73.6	74.4	74.4	74.6	74.8	74.8	75.2
≥ 3500	20.0	62.0	67.9	70.6	72.3	72.9	73.8	74.9	75.1	75.2	76.1	76.2	76.4	76.4	76.4	76.9
≥ 3000	20.0	63.3	69.4	72.1	74.0	74.6	75.4	76.6	76.8	76.9	77.8	77.9	78.1	78.1	78.1	78.6
≥ 2500	20.6	64.3	70.6	73.2	75.1	75.7	76.6	77.7	77.9	78.0	78.9	79.0	79.2	79.2	79.2	79.7
≥ 2000	20.8	66.0	72.4	75.1	77.0	77.6	78.4	79.6	79.8	79.9	80.8	80.9	81.1	81.1	81.1	81.6
≥ 1800	20.8	66.8	73.2	75.9	77.8	78.3	79.2	80.3	80.6	80.7	81.6	81.7	81.9	81.9	81.9	82.3
≥ 1500	21.8	69.0	75.6	78.6	81.0	81.7	82.7	83.8	84.0	84.1	85.0	85.1	85.3	85.3	85.3	85.8
≥ 1200	21.9	70.0	77.1	80.2	82.8	83.6	84.6	85.7	85.9	86.0	86.9	87.1	87.3	87.3	87.3	87.8
≥ 1000	22.0	70.9	78.2	81.6	84.2	85.1	86.2	87.3	87.6	87.7	88.6	88.8	89.0	89.0	89.0	89.4
≥ 900	22.0	71.1	78.4	82.0	84.7	86.0	87.3	88.4	88.7	88.8	89.7	89.9	90.1	90.1	90.1	90.6
≥ 800	22.1	72.0	79.3	82.9	85.6	86.9	88.3	89.8	90.0	90.1	91.0	91.2	91.4	91.4	91.4	91.9
≥ 700	22.1	72.6	80.0	84.1	86.8	88.1	89.6	91.0	91.2	91.3	92.2	92.4	92.7	92.7	92.7	93.1
≥ 600	22.1	72.7	80.1	84.3	87.0	88.3	89.9	91.6	91.9	92.0	92.9	93.1	93.3	93.3	93.3	93.8
≥ 500	22.1	73.0	80.7	85.0	88.0	89.3	91.1	92.9	93.2	93.3	94.2	94.4	94.7	94.7	94.7	95.1
≥ 400	22.1	73.0	80.8	85.2	88.6	90.0	92.0	94.2	94.6	94.7	95.6	95.8	96.0	96.0	96.0	96.4
≥ 300	22.1	73.0	80.8	85.3	88.7	90.3	92.6	94.8	95.3	95.7	96.7	96.9	97.1	97.1	97.4	97.9
≥ 200	22.1	73.0	80.8	85.3	88.7	90.3	92.6	95.0	95.7	96.1	97.1	97.4	97.7	97.7	98.0	98.7
≥ 100	22.1	73.0	80.8	85.3	88.8	90.4	92.7	95.1	95.8	96.2	97.2	97.7	98.1	98.1	98.6	99.6
≥ 0	22.1	73.0	80.8	85.3	88.8	90.4	92.7	95.1	95.8	96.2	97.2	97.7	98.1	98.1	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

720306

COLUMBUS AFB MS

69-70,73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING	17.6	36.4	47.1	43.4	46.9	47.9	48.4	48.9	49.6	49.8	49.9	49.9	50.1	50.1	50.1	50.2
≥ 20000	18.1	37.8	41.9	45.3	49.3	50.3	51.0	51.6	52.2	52.6	52.7	52.7	52.9	52.9	52.9	53.0
≥ 18000	18.1	37.8	41.9	45.3	49.3	50.3	51.0	51.6	52.2	52.6	52.7	52.7	52.9	52.9	52.9	53.0
≥ 16000	18.1	37.8	41.9	45.3	49.3	50.3	51.0	51.6	52.2	52.6	52.7	52.7	52.9	52.9	52.9	53.0
≥ 14000	18.1	38.0	42.2	45.7	49.7	50.7	51.3	51.9	52.6	52.9	53.0	53.0	53.2	53.2	53.2	53.3
≥ 12000	18.2	38.9	43.3	46.8	50.9	51.9	52.6	53.1	53.8	54.1	54.2	54.2	54.4	54.4	54.4	54.6
≥ 10000	18.4	40.6	45.2	48.7	53.0	54.0	54.7	55.3	56.0	56.3	56.4	56.4	56.7	56.7	56.7	56.8
≥ 9000	18.8	41.3	46.0	49.4	53.9	54.9	55.6	56.2	56.9	57.2	57.3	57.3	57.6	57.6	57.6	57.7
≥ 8000	19.2	43.2	47.9	51.3	55.9	57.0	57.7	58.3	59.0	59.3	59.4	59.4	59.7	59.7	59.7	59.8
≥ 7000	19.6	44.2	49.1	52.6	57.1	58.2	58.9	59.6	60.2	60.6	60.7	60.7	61.0	61.0	61.0	61.1
≥ 6000	19.7	45.8	50.9	54.4	59.1	60.2	60.9	61.6	62.2	62.6	62.7	62.7	63.0	63.1	63.1	63.2
≥ 5000	20.3	48.1	53.4	57.1	62.0	63.3	64.1	65.0	65.7	66.0	66.1	66.1	66.6	66.7	66.7	66.8
≥ 4500	21.1	49.3	54.7	58.6	63.6	64.9	65.8	66.7	67.3	67.7	67.8	67.8	68.2	68.3	68.3	68.4
≥ 4000	21.7	50.6	56.1	60.1	65.3	66.8	67.8	68.7	69.3	69.7	69.8	69.8	70.2	70.3	70.3	70.4
≥ 3500	22.0	52.0	57.8	61.8	67.0	68.4	69.4	70.3	71.0	71.3	71.4	71.4	71.9	72.0	72.0	72.1
≥ 3000	22.1	53.4	59.7	63.8	69.1	70.7	71.7	72.6	73.2	73.6	73.7	73.7	74.1	74.2	74.2	74.3
≥ 2500	22.9	56.1	62.4	66.8	72.2	73.9	75.0	75.9	76.6	76.9	77.0	77.0	77.4	77.6	77.6	77.7
≥ 2000	23.2	57.4	63.9	68.3	74.1	75.8	77.0	77.9	78.6	78.9	79.0	79.0	79.4	79.6	79.6	79.7
≥ 1800	23.3	57.8	64.2	68.7	74.4	76.1	77.3	78.2	78.9	79.2	79.3	79.3	79.8	79.9	79.9	80.0
≥ 1500	24.0	59.8	66.2	70.8	76.7	78.3	79.6	80.4	81.1	81.4	81.6	81.6	82.0	82.1	82.1	82.2
≥ 1200	24.3	61.7	68.3	73.1	79.0	80.8	82.1	83.0	83.7	84.0	84.1	84.1	84.6	84.7	84.7	84.8
≥ 1000	24.3	62.3	69.3	74.3	80.4	82.2	83.7	84.7	85.3	85.7	85.8	85.8	86.2	86.3	86.3	86.4
≥ 900	24.3	63.1	70.6	75.8	82.0	83.9	85.6	86.7	87.3	87.7	87.8	87.8	88.2	88.3	88.3	88.4
≥ 800	24.3	63.3	70.8	76.1	82.6	84.4	86.1	87.3	88.0	88.3	88.4	88.4	88.9	89.0	89.0	89.1
≥ 700	24.3	63.7	71.2	76.8	83.3	85.3	87.0	88.2	88.9	89.2	89.3	89.3	89.8	89.9	89.9	90.0
≥ 600	24.3	64.2	71.9	77.7	84.3	86.7	88.8	90.0	90.7	91.0	91.2	91.2	91.7	91.8	91.8	91.9
≥ 500	24.3	64.4	72.1	78.3	85.3	87.8	90.3	91.6	92.4	92.8	93.0	93.0	93.6	93.7	93.7	93.8
≥ 400	24.3	64.7	72.3	78.7	86.0	88.4	91.6	93.2	94.2	94.8	95.2	95.2	95.8	95.9	95.9	96.0
≥ 300	24.3	64.7	72.3	78.7	86.0	88.4	91.8	94.2	95.2	95.9	96.3	96.3	97.0	97.2	97.2	97.3
≥ 200	24.3	64.7	72.3	78.7	86.0	88.4	91.8	94.3	95.3	96.1	96.8	96.8	97.7	97.9	98.1	98.6
≥ 100	24.3	64.7	72.3	78.7	86.0	88.4	91.8	94.4	95.6	96.3	97.0	97.0	97.9	98.2	98.6	99.6
≥ 0	24.3	64.7	72.3	78.7	86.0	88.4	91.8	94.4	95.6	96.3	97.0	97.0	97.9	98.2	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

02/3/86

COLUMBUS AFB MS

69-70,73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	31.5	47.6	48.8	48.9	48.9	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 20000	33.6	51.4	53.6	53.8	53.8	53.9	54.0	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 18000	33.7	51.6	53.7	53.9	53.9	54.0	54.1	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 16000	34.2	52.1	54.2	54.6	54.6	54.7	54.8	54.8	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 14000	34.6	52.9	55.0	55.4	55.6	55.7	55.8	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 12000	34.9	54.2	56.3	56.8	56.9	57.0	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 10000	35.4	55.1	57.2	57.8	58.0	58.1	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 9500	36.0	55.9	58.0	58.6	58.8	58.9	59.0	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 8000	37.2	58.3	60.6	61.1	61.4	61.6	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 7000	38.1	60.3	62.6	63.2	63.6	63.7	63.8	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 6000	38.6	62.4	64.7	65.4	65.8	65.9	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 5000	39.6	64.1	66.4	67.3	67.8	67.9	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 4500	39.9	65.2	67.8	68.7	69.1	69.2	69.4	69.4	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 4000	41.0	67.1	69.7	70.8	71.3	71.4	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 3500	41.8	68.7	71.3	72.4	73.0	73.1	73.3	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 3000	42.6	70.2	73.2	74.4	75.3	75.4	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 2500	43.8	72.8	75.9	77.2	78.1	78.2	78.4	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 2000	44.2	74.6	77.7	79.0	79.9	80.0	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 1800	44.3	75.3	78.6	79.9	80.8	80.9	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 1500	45.7	78.7	82.0	83.3	84.2	84.3	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 1200	46.0	80.1	83.7	85.2	86.3	86.4	87.2	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 1000	46.2	81.0	84.9	86.6	87.7	88.0	88.8	88.8	88.8	89.0	89.1	89.1	89.1	89.1	89.1	89.1
≥ 900	46.3	82.1	86.0	87.7	89.1	89.7	90.6	90.6	90.6	90.8	90.9	90.9	90.9	90.9	90.9	90.9
≥ 800	46.3	82.9	87.1	89.0	90.7	91.3	92.3	92.3	92.3	92.6	92.7	92.7	92.7	92.7	92.7	92.7
≥ 700	46.3	83.3	87.6	89.6	91.7	92.6	93.7	93.7	93.7	93.9	94.0	94.0	94.0	94.0	94.0	94.0
≥ 600	46.4	83.6	87.8	89.9	92.2	93.2	94.4	94.6	94.7	94.9	95.0	95.0	95.0	95.0	95.0	95.0
≥ 500	46.7	84.0	88.6	90.9	93.3	94.3	95.9	96.3	96.4	96.7	96.8	96.8	96.8	96.8	96.8	96.8
≥ 400	46.7	84.2	88.8	91.1	93.8	95.0	96.7	97.3	97.4	97.7	97.8	97.8	97.9	97.9	97.9	97.9
≥ 300	46.7	84.2	88.8	91.1	93.9	95.3	97.4	98.3	98.4	98.7	98.8	98.8	98.9	98.9	99.0	99.0
≥ 200	46.7	84.2	88.9	91.2	94.0	95.4	97.6	98.6	98.7	99.0	99.3	99.3	99.6	99.6	99.7	99.7
≥ 100	46.7	84.2	88.9	91.2	94.0	95.4	97.6	98.6	98.7	99.0	99.3	99.3	99.6	99.6	99.7	99.7
≥ 0	46.7	84.2	88.9	91.2	94.0	95.4	97.6	98.6	98.7	99.0	99.3	99.3	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7253-6

COLUMBUS AFB MS

69-70,73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 0	≥ 0.2	≥ 0.3	≥ 0.4	≥ 0.5	≥ 0.6	≥ 0.7	≥ 0.8	≥ 0.9	≥ 1	≥ 1.2	≥ 1.4	≥ 1.6	≥ 1.8	≥ 2	≥ 2.5
NO CEILING	42.1	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 20000	46.7	58.3	59.4	58.4	56.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 18000	47.0	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 16000	47.3	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 14000	47.9	59.8	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 12000	48.6	61.2	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 10000	50.1	64.2	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 9000	50.7	64.9	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 8000	51.9	67.1	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 7000	53.0	68.9	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 6000	53.9	70.2	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 5000	54.3	71.4	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 4500	55.3	72.4	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 4000	56.8	74.3	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 3500	58.3	76.3	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 3000	60.2	80.4	81.0	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 2500	61.2	82.6	83.2	83.8	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 2000	62.1	84.8	85.4	86.0	86.2	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 1800	62.2	85.4	86.2	86.8	87.0	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1500	63.1	87.8	88.8	89.7	89.9	90.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 1200	63.3	89.1	90.2	91.2	91.8	92.0	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 1000	63.3	90.1	91.2	92.2	92.9	93.1	93.4	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 900	63.3	90.8	92.1	93.4	94.1	94.3	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 800	63.3	90.9	92.3	94.2	95.1	95.4	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 700	63.4	91.1	92.7	94.6	95.8	96.1	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 600	63.4	91.7	93.3	95.3	97.0	97.3	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 500	63.4	91.8	93.4	95.6	97.7	98.1	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	63.4	91.8	93.4	95.6	97.8	98.2	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	63.4	91.9	93.6	95.7	98.0	98.4	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	63.4	91.9	93.6	95.7	98.0	98.4	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	63.4	91.9	93.6	95.7	98.0	98.4	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	63.4	91.9	93.6	95.7	98.0	98.4	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723316

COLUMBUS AFB MS

69-70, 73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	38.8	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥20000	41.7	66.0	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥18000	42.0	66.8	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥16000	42.1	67.0	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥14000	42.1	67.2	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥12000	42.4	68.4	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥10000	43.0	70.6	70.8	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥9000	44.0	71.7	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥8000	44.6	72.9	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥7000	45.3	74.9	75.2	75.3	75.3	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥6000	45.8	76.2	76.6	76.7	76.7	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥5000	46.2	77.0	77.3	77.4	77.4	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥4500	46.9	78.6	78.9	79.1	79.2	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥4000	47.7	80.1	80.8	81.1	81.3	81.6	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥3500	48.4	81.4	82.3	82.7	82.9	83.1	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥3000	49.1	83.2	84.2	84.8	85.2	85.6	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥2500	49.3	84.8	85.9	86.4	87.1	87.4	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥2000	49.3	85.9	87.0	87.7	88.3	88.7	88.9	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥1800	49.3	85.9	87.0	87.7	88.3	88.7	89.0	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥1500	49.3	87.0	88.2	88.9	90.0	90.3	90.8	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥1200	49.3	87.7	89.0	89.8	91.1	91.6	92.1	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥1000	49.3	87.9	89.4	90.4	92.0	92.4	93.0	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥900	49.3	88.0	89.8	91.0	92.7	93.1	93.7	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥800	49.4	88.3	90.3	91.9	93.6	94.1	94.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥700	49.4	88.4	90.4	92.2	93.9	94.4	95.3	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥600	49.4	88.7	91.1	93.2	94.9	95.4	96.3	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥500	49.4	88.8	91.2	93.3	95.0	95.6	96.7	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥400	49.4	88.8	91.2	93.4	95.1	95.7	96.9	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4
≥300	49.4	88.8	91.2	93.4	95.1	95.7	97.0	98.6	98.7	98.8	99.1	99.1	99.1	99.1	99.1	99.1
≥200	49.4	88.8	91.2	93.4	95.2	95.8	97.2	98.9	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4
≥100	49.4	88.8	91.2	93.4	95.2	95.8	97.2	98.9	99.0	99.1	99.6	99.6	99.8	99.8	99.8	99.9
≥0	49.4	88.8	91.2	93.4	95.2	95.8	97.2	98.9	99.0	99.1	99.6	99.6	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7213.6

COLUMBUS AFB MS

69-70, 73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	29.9	59.1	67.9	61.4	61.9	61.9	62.0	62.2	62.3	62.4	62.8	62.9	63.1	63.1	63.1	63.3
≥ 20000	32.4	63.6	65.3	65.9	66.3	66.3	66.4	66.7	66.8	66.9	67.2	67.3	67.6	67.6	67.6	67.8
≥ 18000	32.7	64.1	65.9	66.4	66.9	66.9	67.0	67.2	67.3	67.4	67.8	67.9	68.1	68.1	68.1	68.3
≥ 16000	32.9	64.3	66.1	66.7	67.1	67.1	67.2	67.4	67.6	67.7	68.0	68.1	68.3	68.3	68.3	68.6
≥ 14000	33.2	64.8	66.6	67.1	67.6	67.6	67.7	67.9	68.0	68.1	68.4	68.6	68.8	68.8	68.8	69.0
≥ 12000	33.6	65.4	67.2	67.8	68.2	68.2	68.3	68.6	68.7	68.8	69.1	69.2	69.4	69.4	69.4	69.7
≥ 10000	33.9	66.1	67.9	68.4	68.9	68.9	69.1	69.3	69.4	69.6	69.9	70.0	70.2	70.2	70.2	70.4
≥ 9000	33.9	66.7	68.6	69.1	69.6	69.6	69.8	70.0	70.1	70.2	70.6	70.7	70.9	70.9	70.9	71.1
≥ 8000	34.3	67.7	69.8	70.3	70.8	70.8	71.1	71.3	71.4	71.6	71.9	72.0	72.2	72.2	72.2	72.4
≥ 7000	35.1	69.9	72.1	72.7	73.1	73.1	73.4	73.7	73.8	73.9	74.2	74.3	74.6	74.6	74.6	74.8
≥ 6000	35.7	71.2	73.4	74.0	74.4	74.4	74.8	75.0	75.1	75.2	75.6	75.7	75.9	75.9	75.9	76.1
≥ 5000	35.9	72.4	74.7	75.3	75.8	75.8	76.2	76.4	76.6	76.7	77.0	77.1	77.3	77.3	77.3	77.6
≥ 4500	36.7	74.2	76.6	77.2	77.8	77.8	78.2	78.4	78.6	78.7	79.0	79.1	79.3	79.3	79.3	79.6
≥ 4000	37.3	75.7	78.2	78.9	79.6	79.6	80.0	80.2	80.3	80.4	80.8	80.9	81.1	81.1	81.1	81.3
≥ 3500	38.2	77.3	79.9	80.6	81.2	81.2	81.8	82.0	82.1	82.2	82.6	82.7	82.9	82.9	82.9	83.1
≥ 3000	38.7	78.6	81.3	82.1	83.2	83.2	83.8	84.0	84.1	84.2	84.6	84.7	84.9	84.9	84.9	85.1
≥ 2500	38.9	80.3	83.1	84.0	85.1	85.1	85.8	86.0	86.1	86.2	86.6	86.7	86.9	86.9	86.9	87.1
≥ 2000	39.3	81.9	84.8	85.7	86.9	86.9	87.6	87.8	87.9	88.0	88.3	88.4	88.7	88.7	88.7	88.9
≥ 1800	39.6	82.1	85.0	85.9	87.1	87.1	87.9	88.2	88.3	88.4	88.8	88.9	89.1	89.1	89.1	89.3
≥ 1500	40.0	83.3	86.3	87.2	88.6	88.6	89.4	90.1	90.2	90.3	90.7	90.8	91.0	91.0	91.0	91.2
≥ 1200	40.0	83.9	86.9	87.8	89.1	89.1	90.3	91.0	91.1	91.2	91.6	91.7	91.9	91.9	91.9	92.1
≥ 1000	40.2	84.3	87.3	88.2	89.7	89.9	91.3	92.1	92.2	92.3	92.7	92.8	93.0	93.0	93.0	93.2
≥ 900	40.2	84.7	87.9	89.2	90.8	91.1	92.6	93.3	93.4	93.6	93.9	94.0	94.2	94.2	94.2	94.4
≥ 800	40.2	85.2	88.4	89.9	91.8	92.2	93.7	94.4	94.6	94.7	95.0	95.1	95.3	95.3	95.3	95.6
≥ 700	40.2	85.6	88.9	90.7	92.7	93.1	94.6	95.3	95.4	95.6	95.9	96.0	96.2	96.2	96.2	96.4
≥ 600	40.2	85.7	89.1	90.9	93.0	93.4	94.9	95.8	95.9	96.1	96.4	96.6	96.8	96.8	96.8	97.0
≥ 500	40.2	85.7	89.1	91.0	93.6	94.1	95.6	96.4	96.6	96.8	97.1	97.2	97.4	97.4	97.4	97.7
≥ 400	40.2	85.7	89.1	91.1	94.1	94.8	96.2	97.3	97.6	97.8	98.1	98.2	98.4	98.4	98.4	98.7
≥ 300	40.2	85.7	89.1	91.1	94.1	94.8	96.3	97.6	98.0	98.4	98.8	98.9	99.2	99.2	99.2	99.4
≥ 200	40.2	85.7	89.1	91.1	94.1	94.8	96.3	97.6	98.1	98.6	99.0	99.1	99.6	99.6	99.7	99.9
≥ 100	40.2	85.7	89.1	91.1	94.1	94.8	96.3	97.6	98.1	98.6	99.0	99.1	99.7	99.7	99.8	100.0
≥ 0	40.2	85.7	89.1	91.1	94.1	94.8	96.3	97.6	98.1	98.6	99.0	99.1	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7233-6

COLUMBUS AFB MS

69-70, 73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	31.0	51.5	53.2	54.1	55.0	55.2	55.4	55.7	55.8	56.0	56.1	56.2	56.3	56.3	56.3	56.4
≥ 20000	33.3	55.4	57.3	58.2	59.1	59.3	59.6	59.9	60.1	60.2	60.4	60.4	60.5	60.5	60.6	60.7
≥ 18000	33.4	55.7	57.6	58.5	59.5	59.7	59.9	60.3	60.4	60.6	60.7	60.8	60.9	60.9	60.9	61.0
≥ 16000	33.6	55.9	57.8	58.8	59.7	59.9	60.2	60.5	60.7	60.8	61.0	61.0	61.1	61.1	61.2	61.3
≥ 14000	33.9	56.4	58.3	59.3	60.3	60.5	60.8	61.1	61.3	61.4	61.6	61.6	61.7	61.8	61.8	61.9
≥ 12000	34.3	57.6	59.5	60.5	61.5	61.7	62.0	62.3	62.5	62.6	62.8	62.8	63.0	63.0	63.0	63.1
≥ 10000	34.9	59.1	61.1	62.2	63.2	63.4	63.7	64.0	64.2	64.3	64.5	64.5	64.7	64.7	64.7	64.8
≥ 9000	35.3	59.8	61.8	62.8	63.9	64.1	64.4	64.7	64.9	65.0	65.2	65.2	65.3	65.4	65.4	65.5
≥ 8000	36.0	61.5	63.6	64.6	65.7	65.9	66.3	66.7	66.8	67.0	67.1	67.2	67.3	67.3	67.3	67.4
≥ 7000	36.9	63.2	65.4	66.5	67.6	67.8	68.2	68.5	68.7	68.8	69.0	69.0	69.2	69.2	69.2	69.3
≥ 6000	37.4	64.6	66.9	68.1	69.1	69.4	69.7	70.1	70.3	70.4	70.6	70.6	70.8	70.8	70.8	70.9
≥ 5000	38.0	66.1	68.4	69.7	70.8	71.0	71.4	71.8	72.0	72.2	72.3	72.3	72.5	72.5	72.5	72.7
≥ 4500	38.8	67.6	70.0	71.4	72.6	72.8	73.3	73.7	73.8	74.0	74.2	74.2	74.4	74.4	74.4	74.5
≥ 4000	39.6	69.4	72.0	73.4	74.7	75.0	75.5	75.9	76.1	76.3	76.5	76.5	76.7	76.7	76.7	76.8
≥ 3500	40.9	71.0	73.8	75.2	76.5	76.8	77.3	77.8	77.9	78.1	78.3	78.3	78.5	78.5	78.5	78.7
≥ 3000	41.2	73.0	76.0	77.5	79.1	79.4	79.9	80.4	80.5	80.7	80.9	80.9	81.1	81.1	81.1	81.2
≥ 2500	41.8	75.0	78.0	79.6	81.2	81.6	82.1	82.6	82.8	82.9	83.1	83.2	83.3	83.3	83.4	83.5
≥ 2000	42.3	76.5	79.7	81.3	83.0	83.4	83.9	84.4	84.6	84.7	85.0	85.0	85.2	85.2	85.2	85.3
≥ 1800	42.4	77.0	80.1	81.8	83.5	83.9	84.5	85.0	85.1	85.3	85.5	85.5	85.7	85.7	85.8	85.9
≥ 1500	43.0	78.9	82.1	84.0	85.9	86.3	87.1	87.6	87.8	87.9	88.1	88.2	88.3	88.3	88.4	88.5
≥ 1200	43.2	79.8	83.2	85.2	87.2	87.7	88.5	89.2	89.3	89.5	89.7	89.8	89.9	89.9	90.0	90.1
≥ 1000	43.2	80.5	84.1	86.1	88.3	88.9	89.8	90.5	90.7	90.8	91.1	91.1	91.3	91.3	91.3	91.4
≥ 900	43.3	80.9	84.7	87.0	89.3	90.0	91.1	91.8	91.9	92.1	92.4	92.4	92.6	92.6	92.6	92.7
≥ 800	43.3	81.4	85.3	87.8	90.3	91.1	92.2	93.1	93.3	93.4	93.7	93.7	93.9	93.9	93.9	94.0
≥ 700	43.3	81.7	85.7	88.4	91.1	91.8	93.1	93.9	94.1	94.3	94.5	94.5	94.7	94.7	94.7	94.9
≥ 600	43.3	82.1	86.2	89.0	91.8	92.7	94.0	94.9	95.1	95.3	95.6	95.6	95.8	95.8	95.8	95.9
≥ 500	43.4	82.3	86.5	89.5	92.6	93.4	94.9	96.0	96.2	96.4	96.7	96.7	96.9	96.9	96.9	97.0
≥ 400	43.4	82.3	86.6	89.7	93.0	94.0	95.6	96.9	97.2	97.4	97.7	97.7	97.9	98.0	98.0	98.1
≥ 300	43.4	82.3	86.6	89.7	93.1	94.1	95.9	97.3	97.7	98.0	98.4	98.4	98.6	98.7	98.8	98.9
≥ 200	43.4	82.3	86.6	89.7	93.1	94.1	95.9	97.4	97.9	98.3	98.7	98.7	99.1	99.1	99.2	99.5
≥ 100	43.4	82.3	86.6	89.7	93.1	94.1	95.9	97.5	97.9	98.3	98.7	98.8	99.2	99.3	99.5	99.9
≥ 0	43.4	82.3	86.6	89.7	93.1	94.1	95.9	97.5	97.9	98.3	98.7	98.8	99.2	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AT WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723376

COLUMBUS AFB MS

69-70,73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	28.8	51.6	53.0	53.8	54.2	54.4	54.6	54.7	54.7	54.9	54.9	54.9	55.2	55.2	55.3	55.5
≥ 20000	30.0	53.7	55.1	55.8	56.2	56.5	56.7	56.8	56.8	57.0	57.0	57.0	57.2	57.2	57.3	57.5
≥ 18000	30.5	54.3	55.8	56.6	57.0	57.2	57.4	57.5	57.5	57.7	57.7	57.7	58.0	58.0	58.1	58.3
≥ 16000	30.6	54.5	56.0	56.8	57.2	57.4	57.6	57.7	57.7	58.0	58.0	58.0	58.2	58.2	58.3	58.5
≥ 14000	30.9	54.6	56.1	56.9	57.3	57.5	57.7	57.8	57.8	58.1	58.1	58.1	58.3	58.3	58.4	58.6
≥ 12000	31.0	55.6	57.1	57.8	58.3	58.5	58.7	58.8	58.8	59.0	59.0	59.0	59.2	59.2	59.4	59.6
≥ 10000	31.9	57.3	58.9	59.7	60.1	60.3	60.5	60.6	60.6	60.9	60.9	60.9	61.3	61.3	61.4	61.6
≥ 9000	32.4	57.8	59.6	60.3	60.8	61.0	61.2	61.3	61.3	61.5	61.5	61.5	61.9	61.9	62.0	62.3
≥ 8000	32.5	58.6	60.3	61.1	61.5	61.7	61.9	62.0	62.0	62.3	62.3	62.3	62.7	62.7	62.8	63.0
≥ 7000	33.5	61.3	63.0	63.8	64.2	64.4	64.6	64.7	64.7	64.9	64.9	64.9	65.4	65.4	65.5	65.7
≥ 6000	34.4	63.1	64.8	65.6	66.0	66.2	66.5	66.6	66.6	66.8	66.8	66.8	67.2	67.2	67.3	67.5
≥ 5000	34.9	64.7	66.5	67.2	67.6	67.8	68.1	68.2	68.2	68.4	68.4	68.4	68.8	68.8	68.9	69.1
≥ 4500	35.4	66.0	67.7	68.5	68.9	69.1	69.4	69.5	69.5	69.7	69.7	69.7	70.1	70.1	70.2	70.4
≥ 4000	35.7	67.3	69.0	69.8	70.2	70.4	70.6	70.8	70.8	71.0	71.0	71.0	71.4	71.4	71.5	71.7
≥ 3500	36.8	69.2	71.2	72.0	72.6	72.9	73.1	73.2	73.2	73.4	73.4	73.4	73.9	73.9	74.0	74.2
≥ 3000	37.6	71.1	73.4	74.5	75.1	75.4	75.6	75.7	75.7	75.9	75.9	75.9	76.3	76.3	76.5	76.7
≥ 2500	38.9	73.7	76.3	77.6	78.3	78.6	78.8	78.9	78.9	79.1	79.1	79.1	79.6	79.6	79.7	79.9
≥ 2000	40.1	76.7	79.6	81.0	81.6	81.9	82.2	82.3	82.3	82.5	82.5	82.5	82.9	82.9	83.0	83.2
≥ 1800	40.3	77.5	80.4	81.8	82.5	82.8	83.0	83.1	83.1	83.3	83.3	83.3	83.8	83.8	83.9	84.1
≥ 1500	40.8	79.9	83.3	85.1	85.7	86.0	86.2	86.3	86.3	86.6	86.6	86.6	87.1	87.1	87.2	87.4
≥ 1200	41.4	81.3	84.8	86.8	87.5	87.8	88.1	88.3	88.3	88.6	88.6	88.6	89.1	89.1	89.2	89.5
≥ 1000	41.4	81.9	85.5	87.4	88.2	88.5	88.7	88.9	88.9	89.2	89.2	89.2	89.8	89.8	89.9	90.1
≥ 900	41.4	82.2	86.0	88.2	88.9	89.2	89.5	89.7	89.7	90.0	90.0	90.0	90.5	90.5	90.6	90.9
≥ 800	41.4	82.4	86.7	88.9	89.7	90.0	90.4	90.6	90.6	91.0	91.0	91.0	91.5	91.5	91.6	91.8
≥ 700	41.4	83.0	87.6	90.1	91.2	91.6	92.0	92.4	92.4	92.7	92.7	92.7	93.2	93.2	93.3	93.5
≥ 600	41.4	83.3	88.0	90.4	91.7	92.2	92.6	93.1	93.1	93.4	93.4	93.4	94.0	94.0	94.1	94.3
≥ 500	41.4	84.0	89.0	91.6	93.0	93.9	94.6	95.3	95.3	95.6	95.7	95.7	96.2	96.2	96.3	96.6
≥ 400	41.4	84.2	89.5	92.8	94.4	95.4	96.1	96.8	96.9	97.2	97.5	97.5	98.3	98.3	98.4	98.6
≥ 300	41.4	84.2	89.5	92.9	94.5	95.5	96.3	97.0	97.1	97.4	97.8	97.8	98.6	98.6	99.0	99.2
≥ 200	41.4	84.2	89.5	92.9	94.5	95.5	96.3	97.2	97.3	97.6	98.1	98.1	98.8	98.8	99.2	99.6
≥ 100	41.4	84.2	89.5	92.9	94.5	95.5	96.3	97.2	97.3	97.6	98.1	98.1	99.0	99.0	99.7	100.0
≥ 0	41.4	84.2	89.5	92.9	94.5	95.5	96.3	97.2	97.3	97.6	98.1	98.1	99.0	99.0	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723306

COLUMBUS AFB MS

69-70, 73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING	23.5	49.8	51.7	53.1	53.2	53.3	53.3	53.7	53.8	53.9	53.9	53.9	53.9	53.9	54.1	54.4
≥ 20000	24.7	51.8	54.0	55.5	55.6	55.7	55.7	56.0	56.1	56.2	56.2	56.2	56.2	56.2	56.5	56.8
≥ 18000	24.9	52.3	54.4	56.0	56.1	56.2	56.2	56.6	56.7	56.8	56.8	56.8	56.8	56.8	57.0	57.3
≥ 16000	25.1	52.4	54.6	56.2	56.3	56.5	56.5	56.8	56.9	57.0	57.0	57.0	57.0	57.0	57.2	57.5
≥ 14000	25.2	52.5	54.7	56.3	56.5	56.6	56.6	56.9	57.0	57.1	57.1	57.1	57.1	57.1	57.3	57.6
≥ 12000	25.6	53.2	55.6	57.2	57.3	57.4	57.4	57.7	57.8	58.0	58.0	58.0	58.0	58.0	58.2	58.5
≥ 10000	26.2	54.7	57.2	58.8	58.9	59.0	59.0	59.4	59.5	59.6	59.6	59.6	59.6	59.6	60.1	60.2
≥ 9000	26.7	55.2	57.6	59.2	59.4	59.5	59.5	59.8	59.9	60.0	60.0	60.0	60.0	60.0	60.2	60.5
≥ 8000	27.0	56.0	58.6	60.2	60.3	60.4	60.4	60.8	60.9	61.0	61.0	61.0	61.0	61.0	61.2	61.5
≥ 7000	27.2	57.5	60.2	61.8	62.0	62.2	62.2	62.5	62.6	62.7	62.7	62.7	62.7	62.7	62.9	63.2
≥ 6000	28.1	59.4	62.0	63.7	63.9	64.0	64.0	64.3	64.4	64.5	64.5	64.5	64.5	64.5	64.7	65.1
≥ 5000	28.8	61.0	63.8	65.5	65.8	65.9	65.9	66.2	66.3	66.5	66.5	66.5	66.5	66.5	66.7	67.0
≥ 4500	29.2	62.4	65.3	67.0	67.4	67.5	67.5	67.8	68.0	68.1	68.1	68.1	68.1	68.1	68.3	68.6
≥ 4000	29.6	63.3	66.2	68.0	68.4	68.5	68.5	68.8	68.9	69.0	69.0	69.0	69.0	69.0	69.2	69.6
≥ 3500	29.9	64.5	67.4	69.2	69.7	69.9	69.9	70.2	70.3	70.4	70.4	70.4	70.4	70.4	70.6	71.0
≥ 3000	30.5	66.5	69.5	71.4	72.0	72.3	72.3	72.6	72.7	72.8	72.8	72.8	72.8	72.8	73.0	73.3
≥ 2500	32.3	69.7	73.2	75.5	76.1	76.3	76.3	76.7	76.8	76.9	76.9	76.9	76.9	76.9	77.1	77.4
≥ 2000	32.9	71.2	74.8	77.5	78.5	78.7	78.7	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.5	79.8
≥ 1800	33.0	72.5	76.2	79.0	80.0	80.2	80.2	80.5	80.6	80.8	80.8	80.8	80.8	80.8	81.0	81.3
≥ 1500	33.3	74.8	79.2	82.3	83.2	83.4	83.4	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.2	84.5
≥ 1200	33.7	76.8	81.2	84.3	85.4	85.6	85.6	85.9	86.0	86.1	86.1	86.1	86.1	86.1	86.3	86.7
≥ 1000	34.1	77.4	82.0	85.4	86.9	87.2	87.2	87.5	87.6	87.7	87.7	87.7	87.7	87.7	88.0	88.3
≥ 900	34.1	77.8	83.0	86.5	88.1	88.4	88.4	88.7	88.8	88.9	88.9	88.9	88.9	88.9	89.1	89.5
≥ 800	34.1	79.3	83.7	87.2	88.9	89.2	89.2	89.6	89.7	89.9	89.9	89.9	89.9	89.9	90.1	90.4
≥ 700	34.2	79.0	84.6	88.6	90.4	90.8	90.8	91.1	91.2	91.4	91.4	91.4	91.4	91.4	91.6	91.9
≥ 600	34.2	79.6	85.5	89.7	91.8	92.3	92.5	92.9	93.0	93.2	93.2	93.2	93.2	93.2	93.5	93.9
≥ 500	34.3	80.3	86.5	90.6	93.3	94.2	94.5	95.1	95.2	95.4	95.4	95.4	95.4	95.5	95.8	96.1
≥ 400	34.3	80.4	86.8	91.2	94.1	94.9	95.5	96.3	96.6	96.8	96.8	96.8	96.9	97.1	97.4	97.8
≥ 300	34.3	80.4	87.0	91.4	94.3	95.2	95.9	97.0	97.2	97.6	97.6	97.6	98.0	98.2	98.5	99.0
≥ 200	34.3	80.4	87.0	91.4	94.4	95.5	96.2	97.5	97.7	98.2	98.2	98.2	98.5	98.8	99.1	99.7
≥ 100	34.3	80.4	87.0	91.4	94.4	95.5	96.2	97.5	97.7	98.2	98.2	98.2	98.5	98.8	99.1	99.7
≥ 0	34.3	80.4	87.0	91.4	94.4	95.5	96.2	97.5	97.7	98.2	98.2	98.2	98.5	98.8	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7233.6

COLUMBUS AFB MS

69-70,73-80

LLC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	20.1	39.9	42.7	44.5	45.5	45.7	46.1	46.5	46.5	46.6	46.7	46.7	46.8	46.8	46.9	46.9
≥ 20000	21.3	43.1	46.3	48.3	49.4	49.6	50.0	50.3	50.3	50.4	50.6	50.6	50.8	50.8	50.9	50.9
≥ 18000	21.3	43.4	46.7	48.6	49.7	49.9	50.3	50.6	50.6	50.8	51.0	51.0	51.1	51.1	51.2	51.2
≥ 16000	21.4	43.8	47.0	48.9	50.0	50.2	50.6	51.0	51.0	51.1	51.3	51.3	51.4	51.4	51.5	51.5
≥ 14000	21.7	44.1	47.3	49.6	50.6	50.9	51.3	51.6	51.6	51.7	51.9	51.9	52.0	52.0	52.2	52.2
≥ 12000	22.3	45.1	48.4	50.6	51.7	51.9	52.4	52.7	52.7	52.8	53.0	53.0	53.1	53.1	53.2	53.2
≥ 10000	23.7	46.8	50.4	52.7	53.8	54.0	54.4	54.7	54.7	54.8	55.1	55.1	55.2	55.2	55.3	55.3
≥ 9000	23.8	47.0	50.6	52.9	54.0	54.2	54.6	54.9	54.9	55.1	55.3	55.3	55.4	55.4	55.5	55.5
≥ 8000	24.2	48.5	52.3	54.6	55.8	56.0	56.6	56.9	56.9	57.0	57.2	57.2	57.3	57.3	57.4	57.4
≥ 7000	25.1	50.4	54.5	56.9	58.1	58.3	58.8	59.1	59.1	59.2	59.5	59.5	59.6	59.6	59.7	59.7
≥ 6000	26.2	52.6	56.7	59.0	60.2	60.4	61.0	61.3	61.3	61.4	61.6	61.6	61.7	61.7	61.8	61.8
≥ 5000	27.0	53.8	58.1	60.4	61.8	62.0	62.6	62.9	62.9	63.0	63.2	63.2	63.3	63.3	63.4	63.4
≥ 4500	27.6	54.9	59.2	61.7	63.2	63.4	64.1	64.4	64.4	64.5	64.7	64.7	64.8	64.8	64.9	64.9
≥ 4000	27.8	55.8	60.3	62.9	64.4	64.6	65.4	65.7	65.7	65.8	66.0	66.0	66.1	66.1	66.2	66.2
≥ 3500	28.3	56.6	61.1	63.7	65.3	65.5	66.2	66.6	66.6	66.7	66.9	66.9	67.0	67.0	67.1	67.1
≥ 3000	29.0	58.9	63.4	66.0	67.6	67.8	68.6	68.9	68.9	69.0	69.2	69.2	69.4	69.4	69.5	69.5
≥ 2500	30.4	61.5	66.3	69.5	71.1	71.3	72.0	72.4	72.4	72.5	72.7	72.7	72.8	72.8	72.9	72.9
≥ 2000	31.4	64.7	69.7	72.9	74.6	75.1	75.8	76.2	76.2	76.3	76.6	76.6	76.7	76.7	76.8	76.8
≥ 1800	31.7	66.2	71.2	74.4	76.1	76.6	77.3	77.7	77.7	77.8	78.1	78.1	78.2	78.2	78.3	78.3
≥ 1500	32.3	68.8	73.8	77.1	78.8	79.4	80.1	80.5	80.5	80.6	80.9	80.9	81.0	81.0	81.1	81.1
≥ 1200	32.7	70.3	75.4	78.7	80.5	81.4	82.2	82.6	82.6	82.7	82.9	82.9	83.0	83.0	83.1	83.1
≥ 1000	33.4	72.5	77.7	81.2	83.5	84.4	85.3	85.7	85.8	85.9	86.1	86.1	86.2	86.2	86.3	86.3
≥ 900	33.4	73.4	78.8	82.4	84.8	85.9	86.8	87.2	87.3	87.4	87.6	87.6	87.7	87.7	87.8	87.8
≥ 800	33.7	74.7	80.3	84.2	86.9	88.2	89.2	89.7	89.8	89.9	90.1	90.1	90.2	90.2	90.3	90.3
≥ 700	33.7	74.8	80.9	84.8	87.6	89.0	90.4	91.0	91.1	91.2	91.4	91.4	91.5	91.5	91.6	91.6
≥ 600	33.8	76.0	82.2	86.1	89.2	90.8	92.5	93.1	93.2	93.3	93.5	93.5	93.8	93.8	93.9	93.9
≥ 500	33.8	76.6	83.2	87.2	90.5	92.3	94.4	95.2	95.5	95.6	95.8	95.8	96.0	96.0	96.1	96.1
≥ 400	33.8	76.7	83.5	87.6	91.3	93.1	95.4	96.3	96.7	97.0	97.4	97.4	97.6	97.6	97.7	97.7
≥ 300	33.8	76.7	83.5	87.7	91.4	93.3	95.7	97.2	97.6	98.1	98.5	98.5	98.8	98.8	99.0	99.0
≥ 200	33.8	76.7	83.5	87.7	91.4	93.5	95.9	97.5	98.0	98.4	98.8	98.8	99.2	99.2	99.5	99.9
≥ 100	33.8	76.7	83.5	87.7	91.4	93.5	95.9	97.5	98.0	98.4	98.8	98.8	99.4	99.4	99.6	100.0
≥ 0	33.8	76.7	83.5	87.7	91.4	93.5	95.9	97.5	98.0	98.4	98.8	98.8	99.4	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7253J6

COLUMBUS AFB MS

69-70,73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.G.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	32.4	46.1	46.6	47.1	47.2	47.3	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 20000	35.8	51.3	51.8	52.6	52.8	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
IV 18000	35.9	51.4	51.9	52.7	52.9	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
IV 16000	36.0	51.5	52.2	52.9	53.1	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
IV 14000	36.1	51.6	52.3	53.0	53.2	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
IV 12000	37.0	53.4	54.1	54.8	55.1	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
IV 10000	38.6	55.6	56.2	57.0	57.2	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
IV 9000	38.9	55.9	56.7	57.4	57.6	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
IV 8000	39.0	57.2	58.0	58.7	58.9	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
IV 7000	40.0	59.0	59.9	60.6	60.9	61.0	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
IV 6000	41.6	61.5	62.5	63.2	63.4	63.5	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
IV 5000	41.7	62.7	63.7	64.5	64.7	64.8	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
IV 4500	41.9	63.3	64.4	65.4	65.6	65.8	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
IV 4000	42.3	64.1	65.2	66.1	66.5	66.7	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
IV 3500	43.1	65.4	66.6	67.5	67.8	68.1	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
IV 3000	44.2	66.9	68.2	69.1	69.6	69.8	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
IV 2500	45.5	69.5	71.0	72.3	72.8	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
IV 2000	46.6	72.6	74.2	75.5	76.0	76.3	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 1800	46.7	73.3	74.9	76.2	76.8	77.2	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
IV 1500	48.0	76.8	78.6	79.9	80.5	81.1	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
IV 1200	48.3	78.2	80.1	81.7	82.5	83.0	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IV 1000	48.6	79.5	81.5	83.2	84.1	84.6	84.8	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 900	49.1	80.9	83.0	85.3	86.1	86.7	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IV 800	49.4	82.5	85.1	87.4	88.4	88.9	89.1	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 700	49.4	83.1	86.2	88.6	89.6	90.2	90.5	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 600	49.4	83.8	87.1	89.7	91.1	91.7	92.2	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 500	49.7	84.8	88.3	91.1	92.8	93.7	94.7	95.3	95.5	95.6	95.6	95.7	95.7	95.7	95.7	95.8
IV 400	49.7	85.2	88.9	91.8	93.8	94.6	96.3	97.2	97.4	97.8	98.0	98.1	98.1	98.1	98.1	98.3
IV 300	49.7	85.2	89.0	91.9	94.0	94.8	96.8	98.1	98.4	98.8	99.1	99.2	99.4	99.4	99.5	99.7
IV 200	49.7	85.2	89.0	91.9	94.0	94.9	96.9	98.2	98.5	98.9	99.2	99.4	99.5	99.5	99.6	100.0
IV 100	49.7	85.2	89.0	91.9	94.0	94.9	96.9	98.2	98.5	98.9	99.2	99.4	99.5	99.5	99.6	100.0
IV 0	49.7	85.2	89.0	91.9	94.0	94.9	96.9	98.2	98.5	98.9	99.2	99.4	99.5	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723306

COLUMBUS AFB MS

69-70, 73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	43.3	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 20000	48.7	55.3	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 18000	48.7	55.3	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 16000	49.0	55.6	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 14000	49.7	56.2	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 12000	51.2	58.1	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 10000	51.8	58.9	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 9000	51.8	59.0	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 8000	52.6	60.6	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 7000	53.9	63.4	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 6000	54.6	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 5000	55.5	66.1	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 4500	56.1	67.0	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 4000	57.3	68.9	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 3500	58.3	70.2	70.6	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 3000	59.4	71.9	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 2500	62.9	76.7	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 2000	64.0	80.0	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 1800	64.5	81.0	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 1500	65.8	83.8	84.8	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1200	67.0	86.0	87.2	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 1000	67.3	88.0	89.4	89.9	90.0	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 900	67.8	88.7	90.2	90.8	90.9	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 800	67.8	90.4	91.9	92.8	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 700	67.8	90.8	92.5	93.4	93.5	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 600	67.8	91.3	93.1	94.3	94.5	94.6	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 500	67.8	91.7	93.7	95.1	95.7	95.9	96.7	97.0	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3
≥ 400	67.8	91.7	93.7	95.2	96.0	96.5	97.8	98.2	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6
≥ 300	67.8	91.7	93.9	95.4	96.2	96.7	98.1	98.6	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	67.8	91.7	93.9	95.4	96.2	96.7	98.1	98.7	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	67.8	91.7	93.9	95.4	96.2	96.7	98.1	98.7	99.2	99.6	99.9	99.9	99.9	99.9	99.9	100.0
≥ 0	67.8	91.7	93.9	95.4	96.2	96.7	98.1	98.7	99.2	99.6	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7233.6

COLUMBUS AFB MS

69-70, 73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	42.7	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 20000	47.7	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 18000	48.3	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 16000	48.6	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 14000	49.4	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 12000	51.4	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 10000	52.9	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 9000	53.3	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 8000	54.5	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 7000	55.8	65.1	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 6000	56.5	66.3	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 5000	57.6	68.4	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 4500	58.2	69.4	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 4000	59.2	71.0	71.4	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 3500	60.2	72.8	73.2	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 3000	62.5	76.1	76.8	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 2500	65.2	81.0	81.7	82.2	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 2000	66.7	83.8	84.5	84.9	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 1800	67.1	85.1	85.8	86.2	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 1500	68.2	87.4	88.3	88.8	89.5	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1200	68.9	88.8	90.0	90.5	91.2	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1000	69.1	89.5	90.9	91.5	92.2	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 900	69.2	89.8	91.2	92.0	92.7	93.1	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 800	69.4	90.5	92.2	93.0	93.9	94.3	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 700	69.4	90.8	92.5	93.5	94.5	94.9	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 600	69.4	90.9	92.8	93.9	94.9	95.4	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 500	69.4	91.3	93.9	95.2	96.6	97.1	97.5	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 400	69.5	91.4	94.0	95.3	96.7	97.4	98.2	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 300	69.5	91.4	94.1	95.5	97.0	97.7	98.5	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	69.5	91.4	94.1	95.5	97.0	97.7	98.5	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	69.5	91.4	94.1	95.5	97.0	97.7	98.5	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	69.5	91.4	94.1	95.5	97.0	97.7	98.5	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723306

COLUMBUS AFB MS

69-70,73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	38.1	52.0	52.2	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.8
≥ 20000	40.8	56.5	56.7	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.3
≥ 18000	41.2	57.0	57.2	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.7
≥ 16000	41.7	57.6	57.8	58.0	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.4
≥ 14000	42.0	58.0	58.3	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.8
≥ 12000	42.7	59.1	59.3	59.5	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.9
≥ 10000	43.7	60.7	60.9	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.5
≥ 9000	44.3	61.4	61.6	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.1
≥ 8000	45.2	62.8	63.0	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.5
≥ 7000	45.7	63.8	64.1	64.3	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.7
≥ 6000	46.2	65.3	65.8	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.5
≥ 5000	47.1	67.4	68.1	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.7
≥ 4500	47.6	68.9	69.6	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.4
≥ 4000	47.9	70.3	71.0	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	72.0
≥ 3500	49.3	73.7	74.3	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.3
≥ 3000	51.0	76.3	76.9	77.7	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.4
≥ 2500	52.5	79.7	80.4	81.1	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	82.0
≥ 2000	53.5	83.1	83.9	84.8	85.5	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.9
≥ 1800	53.9	84.4	85.3	86.2	86.9	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.3
≥ 1500	54.5	86.9	87.9	88.8	89.9	89.9	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.4
≥ 1200	54.5	88.0	89.1	90.1	91.3	91.4	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.9
≥ 1000	54.7	88.3	89.5	90.6	91.8	91.9	92.2	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.8
≥ 900	55.0	89.0	90.3	91.7	93.1	93.2	93.5	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	94.1
≥ 800	55.1	89.2	90.8	92.4	94.1	94.2	94.5	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	95.0
≥ 700	55.2	89.6	91.4	93.2	95.0	95.1	95.6	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	96.1
≥ 600	55.2	89.6	91.5	93.4	95.4	95.6	96.0	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.7
≥ 500	55.2	90.0	92.0	94.5	96.9	97.1	97.8	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.6
≥ 400	55.2	90.1	92.1	94.6	97.0	97.4	98.4	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.2
≥ 300	55.2	90.3	92.3	94.8	97.2	97.6	98.9	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.9
≥ 200	55.2	90.3	92.3	94.8	97.3	97.7	99.0	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	100.0
≥ 100	55.2	90.3	92.3	94.8	97.3	97.7	99.0	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	100.0
≥ 0	55.2	90.3	92.3	94.8	97.3	97.7	99.0	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

723355

COLUMBUS AFB MS

69-70,73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 3/16	≥ ¼	≥ 0
NO CEILING	31.6	51.9	52.2	52.5	53.4	53.5	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.9	53.9	53.9
≥ 20000	33.3	54.8	55.1	55.4	56.3	56.4	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.9	56.9	56.9
IV 18000	33.5	55.0	55.3	55.7	56.5	56.6	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.1	57.1	57.1
IV 16000	33.7	55.1	55.4	55.8	56.6	56.7	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.2	57.2	57.2
IV 14000	34.1	55.6	55.9	56.2	57.1	57.2	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.6	57.6	57.6
IV 12000	34.5	56.1	56.4	56.7	57.6	57.7	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.1	58.1	58.1
IV 10000	35.4	58.4	58.8	59.1	60.0	60.1	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.6	60.6	60.7
IV 9000	36.2	58.8	59.7	60.0	60.8	60.9	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.5	61.5	61.6
IV 8000	37.1	60.2	61.2	61.5	62.4	62.5	62.8	62.9	62.9	62.9	62.9	62.9	62.9	63.0	63.0	63.1
IV 7000	37.6	61.3	62.2	62.6	63.4	63.5	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.2	64.2	64.3
IV 6000	38.3	63.0	64.2	64.5	65.4	65.5	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.1	66.1	66.2
IV 5000	38.7	64.7	65.9	66.2	67.1	67.2	67.5	67.9	67.9	67.9	67.9	67.9	67.9	68.0	68.0	68.1
IV 4500	39.9	66.9	68.1	68.5	69.4	69.5	69.8	70.1	70.1	70.1	70.1	70.1	70.1	70.2	70.2	70.3
IV 4000	40.2	68.2	69.4	69.8	70.8	70.9	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.6	71.6	71.7
IV 3500	40.5	70.3	71.6	72.1	73.0	73.1	73.5	73.8	73.8	73.8	73.8	73.8	73.8	73.9	73.9	74.0
IV 3000	41.3	72.2	73.7	74.2	75.3	75.4	75.7	76.1	76.1	76.1	76.1	76.1	76.1	76.2	76.2	76.3
IV 2500	43.0	76.2	77.9	78.5	79.6	79.7	80.0	80.4	80.4	80.4	80.4	80.4	80.4	80.5	80.5	80.6
IV 2000	44.0	78.5	80.5	81.6	82.7	82.8	83.2	83.5	83.5	83.5	83.5	83.5	83.5	83.6	83.6	83.7
IV 1800	44.2	79.4	81.3	82.4	83.6	83.7	84.0	84.4	84.4	84.4	84.4	84.4	84.4	84.5	84.5	84.6
IV 1500	45.4	82.4	84.5	85.7	86.9	87.1	87.6	88.1	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.3
IV 1200	45.8	83.9	86.0	87.3	88.7	88.8	89.3	89.9	89.9	89.9	89.9	89.9	89.9	90.0	90.0	90.1
IV 1000	46.1	84.5	86.7	88.0	89.6	89.8	90.4	90.9	90.9	90.9	90.9	90.9	90.9	91.0	91.0	91.2
IV 900	46.2	85.1	87.5	88.9	90.5	90.6	91.3	91.8	91.8	91.8	91.8	91.8	91.8	91.9	91.9	92.0
IV 800	46.2	85.4	87.9	89.4	91.4	91.5	92.1	92.7	92.7	92.7	92.7	92.7	92.7	92.8	92.8	92.9
IV 700	46.4	86.3	89.0	90.7	92.8	92.9	93.6	94.3	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.5
IV 600	46.4	86.5	89.4	91.7	93.7	94.0	94.8	95.6	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.8
IV 500	46.4	87.1	90.1	92.6	94.7	95.1	96.2	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.2
IV 400	46.4	87.5	90.7	93.3	95.8	96.3	97.6	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.6
IV 300	46.4	87.5	90.8	93.7	96.2	96.9	98.3	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.6
IV 200	46.4	87.5	90.8	93.7	96.2	96.9	98.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.8
IV 100	46.4	87.5	90.8	93.7	96.2	96.9	98.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.8
IV 0	46.4	87.5	90.8	93.7	96.2	96.9	98.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.8

TOTAL NUMBER OF OBSERVATIONS 927

2
GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723316

COLUMBUS AFB MS

69-70,73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	32.6	48.5	49.4	50.0	50.3	50.4	50.6	50.7	50.7	50.7	50.7	50.7	50.7	50.8	50.8	50.9
≥20000	35.3	52.7	53.7	54.4	54.8	54.9	55.0	55.1	55.1	55.2	55.2	55.2	55.2	55.3	55.3	55.4
≥18000	35.6	53.0	54.1	54.8	55.2	55.2	55.4	55.5	55.5	55.5	55.6	55.6	55.6	55.6	55.7	55.8
≥16000	35.8	53.3	54.4	55.1	55.5	55.6	55.7	55.8	55.8	55.9	55.9	55.9	55.9	56.0	56.0	56.1
≥14000	36.1	53.7	54.8	55.5	55.9	56.0	56.1	56.2	56.2	56.3	56.3	56.3	56.3	56.4	56.4	56.5
≥12000	37.0	55.0	56.1	56.8	57.2	57.3	57.4	57.5	57.5	57.6	57.6	57.6	57.6	57.7	57.7	57.8
≥10000	38.1	56.7	57.9	58.6	59.0	59.1	59.2	59.3	59.3	59.4	59.4	59.4	59.4	59.5	59.5	59.6
≥9500	38.4	57.1	58.3	59.1	59.4	59.5	59.7	59.8	59.8	59.8	59.9	59.9	59.9	60.0	60.0	60.1
≥8000	39.0	58.3	59.6	60.4	60.8	60.9	61.0	61.1	61.1	61.2	61.2	61.2	61.2	61.3	61.3	61.4
≥7000	39.9	60.2	61.6	62.4	62.8	62.9	63.0	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.4	63.5
≥6000	40.7	62.0	63.4	64.2	64.6	64.7	64.8	65.0	65.0	65.0	65.1	65.1	65.1	65.1	65.2	65.3
≥5000	41.4	63.6	65.1	66.0	66.4	66.5	66.6	66.8	66.8	66.9	66.9	66.9	66.9	67.0	67.0	67.1
≥4500	42.0	64.9	66.4	67.3	67.8	67.9	68.0	68.2	68.2	68.3	68.3	68.3	68.3	68.4	68.4	68.5
≥4000	42.5	66.1	67.7	68.6	69.1	69.2	69.4	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.8	69.9
≥3500	43.3	67.8	69.5	70.4	71.0	71.1	71.3	71.4	71.5	71.5	71.5	71.5	71.5	71.6	71.6	71.8
≥3000	44.4	70.0	71.8	72.8	73.5	73.6	73.8	73.9	73.9	74.0	74.0	74.0	74.0	74.1	74.1	74.3
≥2500	46.3	73.5	75.5	76.7	77.4	77.6	77.8	77.9	77.9	78.0	78.0	78.0	78.0	78.1	78.1	78.2
≥2000	47.4	76.3	78.5	79.9	80.6	80.8	81.0	81.2	81.2	81.3	81.3	81.3	81.3	81.4	81.4	81.5
≥1800	47.7	77.4	79.6	81.0	81.8	82.0	82.2	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.6	82.7
≥1500	48.5	80.1	82.6	84.1	85.0	85.2	85.4	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.9	86.0
≥1200	49.0	81.7	84.2	85.9	86.9	87.2	87.4	87.6	87.6	87.7	87.7	87.7	87.7	87.8	87.9	88.0
≥1000	49.3	82.7	85.4	87.2	88.3	88.6	88.9	89.2	89.2	89.3	89.3	89.3	89.3	89.4	89.5	89.6
≥900	49.5	83.4	86.3	88.2	89.4	89.7	90.1	90.3	90.4	90.5	90.5	90.5	90.5	90.6	90.6	90.9
≥800	49.6	84.2	87.3	89.4	90.8	91.1	91.5	91.8	91.8	91.9	92.0	92.0	92.0	92.1	92.1	92.2
≥700	49.7	84.7	88.1	90.4	91.8	92.3	92.8	93.1	93.1	93.2	93.2	93.2	93.2	93.3	93.4	93.5
≥600	49.7	85.1	88.7	91.1	92.8	93.3	93.9	94.3	94.4	94.5	94.5	94.5	94.5	94.6	94.6	94.8
≥500	49.7	85.7	89.6	92.2	94.2	94.9	95.8	96.3	96.4	96.6	96.6	96.7	96.7	96.8	96.8	97.0
≥400	49.8	85.9	89.9	92.7	94.9	95.7	96.9	97.6	97.7	98.0	98.1	98.1	98.1	98.3	98.3	98.5
≥300	49.8	85.9	90.0	92.9	95.1	96.0	97.3	98.2	98.4	98.7	98.9	98.9	98.9	99.1	99.1	99.4
≥200	49.8	85.9	90.0	92.9	95.1	96.1	97.4	98.4	98.7	98.9	99.1	99.2	99.2	99.4	99.4	99.8
≥100	49.8	85.9	90.0	92.9	95.1	96.1	97.4	98.4	98.7	98.9	99.1	99.2	99.2	99.5	99.5	100.0
≥0	49.8	85.9	90.0	92.9	95.1	96.1	97.4	98.4	98.7	98.9	99.1	99.2	99.2	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 7434

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

720304

COLUMBUS AFB MS

69-70, 73-81

ALL

STATION

STATION NAME

YEARS

MONTH

ALL

HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	26.2	48.9	51.5	53.1	54.4	54.3	55.2	55.5	55.6	55.7	55.7	55.7	55.8	55.8	55.8	55.8
≥ 20000	29.7	55.3	58.2	60.1	61.4	61.8	62.3	62.6	62.7	62.8	62.9	62.9	62.9	62.9	63.0	63.0
≥ 18000	30.0	55.8	58.7	60.5	61.9	62.3	62.8	63.1	63.2	63.3	63.4	63.4	63.4	63.4	63.5	63.5
≥ 16000	30.3	56.2	59.2	61.0	62.3	62.8	63.3	63.6	63.7	63.8	63.8	63.9	63.9	63.9	64.0	64.0
≥ 14000	30.9	57.2	60.2	62.1	63.4	63.9	64.4	64.7	64.8	64.9	65.0	65.0	65.0	65.0	65.1	65.1
≥ 12000	31.6	58.7	61.8	63.7	65.1	65.6	66.0	66.4	66.5	66.6	66.7	66.7	66.7	66.7	66.8	66.8
≥ 10000	32.6	61.1	64.3	66.3	67.8	68.2	68.8	69.1	69.2	69.3	69.4	69.4	69.4	69.4	69.5	69.5
≥ 9000	32.9	61.7	64.9	66.9	68.4	68.8	69.3	69.7	69.8	69.9	70.0	70.0	70.0	70.0	70.1	70.1
≥ 8000	33.5	63.5	66.8	68.9	70.4	70.9	71.5	71.8	71.9	72.0	72.1	72.1	72.2	72.2	72.2	72.3
≥ 7000	34.2	64.7	68.1	70.3	71.8	72.3	72.9	73.3	73.4	73.5	73.5	73.6	73.6	73.6	73.7	73.7
≥ 6000	34.6	65.6	69.1	71.3	72.9	73.4	73.9	74.3	74.4	74.5	74.6	74.6	74.6	74.7	74.7	74.7
≥ 5000	35.1	66.9	70.5	72.8	74.4	75.0	75.5	75.9	76.0	76.1	76.2	76.2	76.3	76.3	76.3	76.4
≥ 4500	35.4	67.9	71.6	73.9	75.6	76.1	76.7	77.1	77.2	77.3	77.4	77.4	77.5	77.5	77.5	77.6
≥ 4000	36.0	69.4	73.1	75.6	77.3	77.9	78.5	78.9	79.0	79.1	79.2	79.2	79.2	79.3	79.3	79.3
≥ 3500	36.7	70.8	74.6	77.0	78.8	79.4	80.0	80.4	80.6	80.7	80.7	80.7	80.8	80.8	80.8	80.9
≥ 3000	37.5	72.7	76.7	79.2	81.1	81.7	82.3	82.8	82.9	83.0	83.1	83.1	83.1	83.1	83.2	83.2
≥ 2500	38.3	74.8	78.9	81.5	83.5	84.1	84.8	85.2	85.3	85.4	85.5	85.5	85.6	85.6	85.6	85.7
≥ 2000	38.9	76.5	80.7	83.5	85.5	86.1	86.9	87.3	87.5	87.6	87.6	87.7	87.7	87.7	87.8	87.8
≥ 1800	39.0	77.1	81.3	84.1	86.1	86.8	87.5	88.0	88.1	88.2	88.3	88.3	88.4	88.4	88.4	88.5
≥ 1500	39.5	78.8	83.2	86.1	88.3	89.0	89.8	90.2	90.4	90.5	90.5	90.6	90.6	90.6	90.7	90.7
≥ 1200	39.8	79.8	84.4	87.4	89.7	90.4	91.2	91.7	91.9	92.0	92.1	92.1	92.1	92.2	92.2	92.3
≥ 1000	39.9	80.6	85.4	88.5	90.9	91.6	92.5	93.0	93.2	93.3	93.4	93.4	93.5	93.5	93.5	93.6
≥ 900	40.0	81.1	85.9	89.1	91.5	92.3	93.3	93.8	93.9	94.1	94.1	94.2	94.2	94.2	94.3	94.3
≥ 800	40.1	81.5	86.4	89.6	92.3	93.2	94.2	94.7	94.9	95.0	95.1	95.1	95.2	95.2	95.2	95.3
≥ 700	40.1	81.8	86.8	90.3	93.0	93.9	94.9	95.5	95.6	95.8	95.9	95.9	96.0	96.0	96.0	96.1
≥ 600	40.2	82.1	87.2	90.9	93.7	94.7	95.8	96.4	96.6	96.7	96.8	96.8	96.9	96.9	97.0	97.0
≥ 500	40.2	82.3	87.6	91.4	94.4	95.4	96.7	97.3	97.6	97.7	97.9	97.9	97.9	98.0	98.0	98.1
≥ 400	40.2	82.4	87.7	91.6	94.7	95.9	97.2	98.0	98.3	98.5	98.6	98.6	98.7	98.8	98.8	98.9
≥ 300	40.2	82.4	87.8	91.7	94.9	96.0	97.5	98.3	98.7	98.9	99.1	99.1	99.2	99.3	99.4	99.4
≥ 200	40.2	82.4	87.8	91.7	94.9	96.1	97.5	98.5	98.8	99.1	99.3	99.4	99.5	99.6	99.7	99.8
≥ 100	40.2	82.4	87.8	91.7	94.9	96.1	97.5	98.5	98.8	99.1	99.4	99.4	99.6	99.7	99.8	100.0
≥ 0	40.2	82.4	87.8	91.7	94.9	96.1	97.5	98.5	98.8	99.1	99.4	99.4	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 87565

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

TOTAL SKY COVER

FOR AIRWAYS STATIONS THE SYMBOLS OF CLEAR, SCATTERED,
BROKEN, OVERCAST, & OBSCURED WERE USED AS INPUT FOR
THE TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10

SKY COVER

JAN

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JUN	0-02	30.9			9.7						10.3	49.0	6.1	928
	3-05	20.7			9.9						8.3	52.0	6.2	925
	6-08	13.9			15.9						11.9	53.3	6.9	925
	9-11	14.2			17.7						14.4	53.7	7.2	929
	12-14	15.6			17.7						15.1	51.6	7.0	930
	15-17	15.8			17.7						15.7	50.8	7.0	930
	18-20	25.0			15.4						10.5	49.1	6.3	929
	21-23	20.5			11.5						6.2	50.8	6.2	928
TOTALS		22.5			14.4						11.8	51.3	6.6	7424

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

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FEB

MONTE

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11

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

20306

COLUMBUS AFB MS

70,73-81

MAR

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
	00-02	27.5			15.0						12.2	45.4	6.1	928
	03-05	24.7			13.4						11.7	50.2	6.5	920
	06-08	13.3			17.0						18.0	51.7	7.3	926
	09-11	11.3			15.4						19.8	50.5	7.4	930
	12-14	9.8			20.3						21.8	48.1	7.4	930
	15-17	11.0			18.7						19.1	51.2	7.4	930
	18-20	16.2			20.9						16.9	46.0	6.8	928
	21-23	26.1			17.6						13.4	42.8	6.0	930
TOTALS		17.5			17.7						16.6	48.2	6.9	7422

USAFETAC

FORM
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
CAFETAC
AT WEATHER SERVICE/MAC

SKY COVER

2336

COLUMBUS AFB MS

70,73-81

APR

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
APR	00-02	36.2			16.2						15.4	32.2	5.1	897
	03-05	23.0			20.8						16.4	34.7	5.6	895
	06-08	21.1			16.8						19.7	42.4	6.5	899
	09-11	13.0			21.2						15.9	44.8	6.6	899
	12-14	12.6			24.4						21.7	41.3	6.8	900
	15-17	14.1			25.4						21.1	39.3	6.6	900
	18-20	20.7			26.9						16.6	35.9	5.9	900
	21-23	36.8			17.0						13.9	32.3	5.0	900
TOTALS		23.4			21.1						17.6	37.9	6.0	7190

USAFETAC

FORM 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

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MAY

MONTH

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PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

JUN

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JUN	00-02	37.6			26.7						15.1	20.6	4.2	893
	03-05	22.7			30.8						22.4	24.0	5.3	882
	06-08	17.8			26.9						23.4	31.9	6.1	893
	09-11	12.8			31.4						24.9	30.9	6.3	900
	12-14	3.1			40.1						28.2	28.6	6.6	900
	15-17	5.1			42.0						27.2	25.7	6.3	900
	18-20	16.0			34.4						20.6	29.0	5.8	898
	21-23	35.0			25.9						17.4	21.7	4.5	897
TOTALS		19.8			32.3						22.4	26.6	5.6	7163

USAFETAC FORM 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

JUL

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JUL	00-02	35.5			28.1						18.0	18.4	4.3	911
	03-05	23.3			32.4						22.0	22.3	5.2	910
	06-08	14.6			29.1						27.6	28.7	6.2	917
	09-11	11.6			36.5						27.0	24.9	6.0	923
	12-14	2.4			41.9						34.4	21.3	6.5	929
	15-17	3.0			36.9						30.5	29.6	6.8	926
	18-20	8.2			30.6						27.8	33.4	6.8	925
	21-23	27.0			30.7						19.1	23.2	5.0	922
TOTALS		15.7			33.3						25.8	25.2	5.9	7363

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

23304

COLUMBUS AFB MS

70,73-81

AUG

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
AUG	00-02	41.4			24.4						19.6	14.6	4.0	923
	03-05	31.3			29.2						18.3	21.2	4.6	904
	06-08	17.3			32.3						23.2	27.2	5.8	907
	09-11	13.8			38.5						27.5	20.2	5.6	927
	12-14	1.5			44.0						35.2	19.4	6.4	930
	15-17	4.0			42.5						30.2	23.3	6.3	930
	18-20	16.0			30.9						26.8	26.4	6.0	927
	21-23	35.6			27.8						15.6	21.1	4.3	925
TOTALS		20.1			33.7						24.6	21.7	5.4	7373

USAFETAC

FORM
JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

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SEP

MONTH

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PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

2

13

OCT

MONTH

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FORM
JUL 64

FORM 0-9-5 (OL A)
JUL 64

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

NOV

MINYU

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
N V	0-32	39.6			15.6						12.1	32.7	4.9	892
	3-35	39.1			14.8						10.2	35.9	5.0	888
	36-38	22.3			21.9						16.7	39.1	6.1	897
	39-41	19.8			20.6						20.6	39.0	6.4	899
	42-44	19.7			24.8						19.2	36.3	6.1	899
	45-47	19.1			27.2						20.3	33.3	6.0	900
	48-50	34.9			18.1						14.6	32.4	5.1	900
	51-53	40.6			16.2						11.0	32.2	4.7	897
TOTALS		29.4			19.9						15.6	35.1	5.5	7172

USAFETAC FORM 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

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DEC

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U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:
 - a. Daily maximum temperatures
 - b. Daily minimum temperatures
 - c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:
 - a. Extreme maximum temperature
 - b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Values for means and standard deviations do not include measurements for incomplete months.

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature.

This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

- a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σ_x). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
 - a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
 - b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

GLOBAL CLIMATOLOGY BRANCH

SAFETAC

AT WEATHER SERVICE/MAC

STATION 72-3-6 COLUMBUS AFB MS STATION NAME

42-46, 58-81 YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
105							.1	.1					.0
100						.6	4.4	1.6	.1				.6
95					1.0	13.7	23.4	15.8	5.0				4.9
90				.2	13.5	48.4	63.6	56.2	26.9	.2			17.6
85			.7	10.5	37.8	79.0	88.8	88.1	54.4	12.3			31.1
80	.5	1.3	8.2	37.1	64.7	93.2	97.5	98.2	77.3	36.4	3.6	.1	43.4
75	2.4	5.8	19.7	57.1	81.8	98.5	99.5	99.9	90.0	59.1	16.4	2.3	52.9
70	8.1	15.7	37.6	77.3	94.5	99.6	100.0	100.0	96.4	75.6	34.8	8.7	62.6
65	16.7	27.2	55.4	89.0	98.7	100.0			99.0	90.1	52.8	18.5	70.9
60	28.0	41.8	71.1	95.2	99.9				99.9	96.2	68.4	33.2	78.0
55	42.2	56.5	82.4	99.2	100.0				100.0	99.0	79.5	49.0	84.1
50	56.3	72.6	91.2	99.9						100.0	89.3	67.3	89.8
45	69.7	83.7	95.9								96.8	81.2	94.0
40	82.2	92.2	98.1	100.0							99.4	91.0	96.9
35	90.9	97.9	99.8								99.8	97.4	98.8
30	96.9	99.7	99.9								100.0	99.8	99.7
25	98.8	100.0	100.0									99.9	99.9
20	99.5												99.9
15	99.9											100.0	100.0
10	100.0												100.0
MEAN	51.5	56.6	65.0	75.2	81.6	88.6	90.9	89.9	84.4	75.4	64.0	54.4	73.1
S D	12.356	11.461	10.859	8.013	7.047	5.619	5.264	4.690	7.187	8.054	10.199	10.644	16.356
TOTAL OBS	836	747	837	840	867	810	837	837	780	806	810	837	9844

GLOBAL CLIMATOLOGY BRANCH
USAFETAC

AF Weather Service/MAC

723306 COLUMBUS AFB MS
STATION STATION NAME

42-46, 58-81

YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
70					.1	4.7	12.8	8.0	1.2	.1			2.3
65				.7	5.4	45.9	75.4	63.7	27.1	1.2			18.4
60		.3	1.6	6.8	32.1	78.0	94.6	90.1	57.2	7.8	1.5	.1	31.0
55	1.3	1.6	7.6	25.2	58.2	93.3	99.2	97.6	74.5	20.0	4.9	1.6	40.7
50	5.1	5.8	16.2	44.8	77.6	98.6	100.0	99.9	88.3	35.5	11.5	5.4	49.3
45	9.9	12.4	30.5	63.7	90.0	99.6		100.0	95.3	53.0	23.6	10.5	57.7
40	16.1	22.8	44.0	79.5	98.0	99.9			98.8	71.1	38.1	19.2	65.9
35	25.0	34.1	61.4	92.6	99.8	100.0			99.6	87.7	54.7	31.9	74.1
30	39.1	49.8	80.5	98.8	100.0				100.0	97.3	73.6	47.1	82.4
25	46.5	58.8	86.0	99.6						98.8	79.6	54.4	85.5
20	59.4	70.0	93.9	100.0						100.0	89.4	68.7	90.2
15	78.5	87.0	97.5								97.7	87.2	95.7
10	90.3	96.0	99.4								99.6	95.3	98.4
5	95.6	99.1	100.0								100.0	99.2	99.5
0	98.4	100.0										99.8	99.8
-5	99.0											99.9	99.9
-10	99.9											100.0	100.0
-15	100.0												100.0
MEAN	32.9	35.9	43.7	52.6	60.0	67.9	71.0	70.0	64.1	50.6	41.6	35.2	52.1
S.D.	11.500	10.619	10.230	8.607	7.059	5.101	3.542	3.978	7.287	9.272	10.089	10.338	16.079
TOTAL OBS	836	747	837	840	867	810	837	837	780	806	810	837	9844

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

723306 COLUMBUS AFB MS
STATION STATION NAME

42-46, 58-81
YEARS

WHOLE DEGREES FAHRENHEIT

MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS	
YEAR														
42			79	89	94	96	101	98	94	88	81	75		
43	*	81	75	83	90	94	98	104	106	93	87	80	78	106
44		76	76	82	86	95	102	102	99	96	90	80	72	102
45		69	80	87	86	95	98	101	100	98	90	81	64	101
46		75*	70		88	86								
58											82	71		
59		75	80	83	86	91	98	96	97	95	90	84	69	98
60		73	73	73	86	92	97	99	98	97	90	77	69	99
61		68	79	82	84	88	92	93	97	94	85	84	76	97
62		72	84	78	87	96	95	100	100	95	88	75	71	100
63		75	70	86	87	91	104	94	94	93	91	79	68	104
64		69	63	79	88	95	99	95	99	95	84	82	79	99
65		73	77	80	88	92	96	96	95	92	86	83	72	96
66		71	72	83	84	89	94	101	95	92	83	81	79	101
67		75	72	88	87	94	98	93	89	89	88	76	77	98
68		71	67	83	87	91	97	98	96	88	89	81	66	98
69		73	73	79	84	91	100	99	98	92	87	80	69	100
70		73	70	77	87	93	95	100	97	95	88	77	78	100
71		74	73	76	85	85	96	99	91	90	89	82	73	99
72		78	76	81	89	89	97	98	97	98	88	78	72	98
73		70	69	81	82*	88	93	94	95	91	87	79	73	95
74		75	74	87	86	93	93	94	91	87	83	83	73	94
75		78	73	81	88	91	91	97	93	93	89	83	76	97
76		70	81	84	86	85	91	98	95	86	85	72	67	98
77		60	82	84	86	92	100	102	99	100	92	77	73	102
78		70	68	84	87	95	98	97	98	94	86	80	83	98
79		65	75	82	82	85	94	97	94	90	86	77	71	97
80		68	82	77	87	90	95	105	103	99	88	78	71	105
81		68	80	84	87	90	95	103	99					
MEAN		71.7	74.8	81.6	86.4	91.2	96.4	98.4	96.8	93.3	87.6	79.7	72.8	99.2
S.D.		4.057	5.248	3.587	1.912	3.270	3.140	3.364	3.620	3.620	2.352	2.933	4.458	2.534
TOTAL OBS		836	747	837	840	867	810	837	837	780	806	810	837	9844

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)
JUL 64 # (AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

723306 COLUMBUS AFB MS
STATION STATION NAME

42-46, 58-81
YEARS

WHOLE DEGREES FAHRENHEIT

MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
YEAR													
42			30	33	46	61	66	62	36	30	30	25	
43	*	15	17	15	33	50	69	64	60	47	32	25	15
44		21	20	30	32	39	56	59	65	55	33	28	19
45		20	20	32	38	42	56	61	58	54	38	22	14
46		19*	25		39	46							
58											25	14	
59		11	22	31	35	48	62	67	65	59	41	20	28
60		15	13	17	37	41	57	64	69	57	37	27	15
61		15	21	33	37	44	58	62	57	46	30	26	20
62		1	22	27	32	49	60	62	62	44	32	28	3
63		1	10	31	40	40	60	61	59	47	32	25	14
64		14	18	28	37	50	53	58	57	46	31	20	18
65		12	16	23	39	48	56	61	60	44	30	21	19
66		-2	18	24	35	41	43	66	57	52	34	23	17
67		21	18	29	41	45	60	55	56	37	34	25	25
68		17	17	22	36	41	56	61	54	50	31	24	17
69		12	26	23	41	44	51	65	60	47	35	21	25
70		6	14	29	34	43	58	57	62	48	38	15	20
71		14	12	24	32	38	61	62	60	59	42	27	30
72		8	21	28	34	52	49	57	63	47	33	23	20
73		18	20	38	35*	46	61	63	59	48	37	30	18
74		24	20	29	37	53	53	64	58	42	35	25	22
75		20	23	26	33	57	57	62	67	44	40	28	18
76		15	25	34	36	42	55	62	58	48	34	18	15
77		2	17	31	35	46	50	65	63	58	35	28	19
78		16	19	20	36	48	58	68	67	56	34	32	18
79		12	16	30	39	47	56	61	62	55	38	26	22
80		26	20	17	41	50	54	70	68	58	36	30	22
81		16	14	31	42	46	60	64	65				
MEAN	13.6	18.4	27.1	36.4	45.8	56.7	62.5	61.2	49.4	34.7	24.4	19.0	11.8
S.D.	7.294	3.859	5.563	3.010	4.594	4.992	3.479	3.945	6.487	3.403	4.013	5.302	6.281
TOTAL OBS	836	747	837	840	867	810	837	837	780	806	810	837	9844

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC

FORM
JUL 64

0-88-5 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7253.6 COLUMBUS AFB MS
STATION STATION NAME

70, 73-81

YEARS

JAN
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point				
6 / 67			.4	.2																6	6			
6 / 65				.1																1	1			
4 / 63		.6	.5	.2																13	13	6		
4 / 61		1.2	.6	.1																18	18	7	4	
4 / 59		1.5	.8	.1																22	22	21	15	
4 / 57	.2	1.8	.5	.2	.1															27	27	30	25	
5 / 55	.2	.8	.3	.4	.5															21	21	23	22	
4 / 53		.9	.9	.2	.2															20	20	7	18	
2 / 51	.1	1.2	.3	.3	.2	.3														23	23	21	18	
5 / 49	.4	1.2	.5	.6																26	26	23	11	
4 / 47	.1	1.3	.1	.9	.3															25	25	27	26	
4 / 45	.1	2.2	1.4	.9	.3	.1														46	46	25	23	
4 / 43	.3	1.5	.8	1.1	.1															35	35	30	14	
2 / 41	.3	2.8	1.3	.5	.8															53	53	48	20	
4 / 39	.5	3.8	1.3	1.0	.3															64	64	45	43	
3 / 37	.4	3.5	2.7	.5																67	67	70	36	
2 / 35		2.9	1.9	.4																49	49	54	55	
3 / 33	.1	3.5	2.2	.9																62	62	75	49	
2 / 31	.2	5.3	2.6	.2	.3															80	80	51	53	
3 / 29		4.4	1.8	.3																61	61	81	59	
2 / 27	.3	5.1	.8	.3																60	60	64	45	
2 / 25	.1	3.7	1.4	.1																49	49	75	70	
2 / 23	.1	2.0	1.1																	30	30	38	38	
2 / 21	.3	.6	.9																	17	17	34	69	
2 / 19	.1	1.3	.5																	18	18	26	65	
1 / 17		.9	.2																	10	10	11	23	
1 / 15		1.5	.3																	17	17	16	25	
1 / 13		.1																		1	1	11	21	
1 / 11																						2	25	
10 / 9		.5																		5	5	1	18	
7		.4																		4	4	6	13	
5																						2	6	
3																							10	
1																							5	
Element (X)	ΣX^2		ΣX		\bar{X}	σ_x	No. Obs.		Mean No. of Hours with Temperature										Total					
Rel. Hum.									$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$										
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

0000-0200
HOURS (L - S - T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
/ -1																					2
- / -3																					3
- / -5																					1
TAL	4.1	56.5	26.1	9.7	3.2	.4													930		930
																		930		930	
Element (X)	Σx^2		Σx		\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature										Total			
Rel. Num.	5563516		70854		76.2	13.341	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb	1449156		35002		37.6	11.911	930		35.2	.6				93							
Wet Bulb	1271466		32638		35.1	11.648	930		41.8					93							
Dew Point	1038514		28378		30.5	13.630	930	.6	55.1					93							

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

PAGE 1

0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
6 / 67			.6															6	6		
6 / 65		.1	.3															4	4		
4 / 63		.8	.2															9	9	7	
4 / 61		1.2	.4															15	15	12	8
4 / 59	.1	1.1	1.1															21	21	15	18
4 / 57	.3	1.6	.4	.1	.1													24	24	21	17
5 / 55	.8	.3	.3	.3														16	16	29	24
4 / 53		1.3	.4	.1														17	17	3	17
4 / 51	.4	1.4	.3	.5		.2												27	27	27	15
5 / 49	.3	1.1	.6	.3		.1												23	23	20	16
4 / 47	.1	1.8	.6	.1	.2	.1												28	28	18	20
4 / 45	.2	2.2	.6	.6	.3													37	37	29	27
4 / 43	.2	2.2	1.1	.5	.1													38	38	33	12
4 / 41	.4	2.5	1.6	.2	.3													47	47	45	30
4 / 39	.1	3.4	1.3	.6														51	51	39	34
3 / 37	.3	3.0	1.7	.4	.1													52	52	56	37
3 / 35	.4	3.5	1.5	.8	.1													59	59	49	45
3 / 33	.5	3.9	2.2	.1														62	62	68	42
2 / 31	.8	4.6	2.5	.1	.1													75	75	66	54
2 / 29	.2	4.5	1.3	.3														59	59	65	57
2 / 27	.3	4.3	1.1	.2														55	55	61	49
2 / 25	.3	4.2	1.4	.1														56	56	70	64
2 / 23	.4	2.3	1.3															37	37	47	43
2 / 21	1.0	2.8	1.1															45	45	47	60
1 / 19	.3	1.5	1.0															26	26	41	51
1 / 17		.6																6	6	19	39
1 / 15		1.2																11	11	12	32
1 / 13		1.3																12	12	9	25
1 / 11	.1	.2																3	3	12	29
1 / 9		.1																1	1	1	18
1 / 7		.2																2	2	3	18
1 / 5		.3																3	3		7
1 / 3	.3					</															

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
/ -1																					5	
- / -7																					3	
T T L	5.1	59.5	25.1	5.6	1.4	.4												930	930	930	930	
Element (X)	Σx^2		Σx		\bar{x}	s_n	No. Obs.	Mean No. of Hours with Temperature							Total							
Rel. Hum.	5853851		72835		78.3	12.691	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb	1368161		33785		36.3	12.312	930		39.4	.6				93								
Wet Bulb	1221106		31764		34.2	12.109	930		45.9					93								
Dew Point	1019748		27902		30.0	14.021	930	.8	56.8					93								

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1203 COLUMBUS AFB MS

70,73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL																		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																
6 / 67			.5															5	5																	
6 / 65		.2	.4															6	6																	
4 / 63		.2																2	2	7																
4 / 61		.9	.6	.1														15	15	7																
4 / 59	.1	1.7	.6															23	23	14																
4 / 57	.3	1.1																13	13	15																
5 / 55	.2	1.3	1.1	.3														27	27	21																
4 / 53	.3	1.3	.1															16	16	19																
2 / 51	.4	1.3	.3	.2														21	21	24																
5 / 49	.3	.8	1.3	.2	.1													25	25	19																
4 / 47		1.3	.4	.2														22	22	7																
4 / 45	.5	2.6	.6	.3	.2													40	41	27																
4 / 43	.4	3.8	1.0	.2														50	50	28																
4 / 41	.3	.8	1.8	.2														29	29	24																
4 / 39	.4	3.8	1.9	.4														61	61	35																
3 / 37	.4	2.9	1.2		.2													44	44	26																
3 / 35	.6	3.6	1.5	1.4	.2													68	68	53																
3 / 33	.8	4.4	1.6		.1													64	64	47																
2 / 31	.8	4.0	2.0		.1													64	64	52																
2 / 29	.5	3.6	2.2															58	58	61																
2 / 27	.6	3.9	1.7															58	58	40																
2 / 25	.1	4.5	1.2															54	54	63																
2 / 23	.4	1.5	1.8															35	35	30																
2 / 21	.5	3.4	.9															45	45	53																
2 / 19	.9	2.0	.8															34	34	60																
1 / 17	.1	1.0	.3															13	13	43																
1 / 15		.9																8	8	27																
1 / 13		1.7																16	16	34																
1 / 11	.1	.3																4	4	31																
1 / 9		.1																1	1	17																
1 / 7																				13																
1 / 5	.2	.1																3	3	17																
4 / 3	.1	.3																4	4	11																
1 / 1	.1																	1	1	5																
Element (X)	Σ x ²		Σ x		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ																	
Rel. Hum.																																				
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				
																		Mean No. of Hours with Temperature																		
																		≤ 0 F	≤ 32 F	≥ 67 F																
																		≥ 73 F	≥ 80 F	≥ 93 F																
																		Total																		

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

0600-0900
HOURS (L. S. T.)

[illegible]

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION COLUMBUS AFB MS

70, 73-81

YEARS

JAN
MONTH

PAGE 1

0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
67 / 75					.1													1	1		
68 / 71			.1															1	1		
69 / 69			.3															3	3		
70 / 67			.9	.3														10	10	2	
71 / 65			.5	.4		.1	.1											11	11	4	1
72 / 63		.3	.8	.3	.1			.1										15	15	7	5
73 / 61		1.2	.6															18	18	14	7
74 / 59	.1	1.0	.4	.3	.2	.2		.1										22	22	27	15
75 / 57	.1	.9	1.0	.4	.1	.3	.1											27	27	15	19
76 / 55	.4	1.3	.4	.6	.5	.5												36	36	18	30
77 / 53	.3	.9	.5	.9	.2	.6												32	32	32	17
78 / 51	.2	.8	.4	.6	1.1	.2												31	31	17	24
79 / 49	.3	1.4	.8	.8	.6	.2												38	39	27	15
80 / 47	.3	2.4	.9	1.4	.5													51	51	43	12
81 / 45	.1	2.0	1.7	1.6	.8	.3												61	61	46	39
82 / 43		2.4	1.2	1.6	.3	.2												53	53	47	26
83 / 41	.1	2.2	1.8	1.2	.4	.2												55	55	62	34
84 / 39	.1	2.8	2.5	1.5	.6	.1												71	71	56	30
85 / 37	.1	1.5	1.6	1.5	.3	.1												48	48	64	58
86 / 35	.6	1.8	1.5	1.5	.1													52	52	61	62
87 / 33	.1	1.6	2.0	.9	.2													45	45	52	49
88 / 31	.3	2.0	3.2	.5														57	57	53	55
89 / 29		1.5	2.6	.9														46	46	56	43
90 / 27		2.3	1.8	.5														43	43	50	40
91 / 25	.1	.9	1.9	.2														29	29	52	47
92 / 23		.4	1.0	.2														15	15	36	40
93 / 21		.4	.9	.1														13	13	24	32
94 / 19		.8	2.0															26	26	15	60
95 / 17		.3	.4															7	7	24	26
96 / 15		.3	.1															4	4	10	17
97 / 13		.1	.1															2	2	6	25
98 / 11		.1																1	1	2	29
99 / 9		.2																2	2	2	21
100 / 7		.1																1	1	2	14
Element (X)	Σ x ²		Σ x		Σ	Σ	No. Obs.		Mean No. of Hours with Temperature										Total		
Rel. Hum.									≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb																					
Wet Bulb																					
Dew Point																					

AD-A113 713

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
COLUMBUS AFB, MISSISSIPPI. REVISED UNIFORM SUMMARY OF SURFACE W--ETC (U)
FEB 82

UNCLASSIFIED

USAFETAC/DS-82/015

SB1-AD-E850 15A

NL

4

200

103

PSYCHROMETRIC SUMMARY

YEARS

JAN
MON 74

PAGE 2 09CU-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
/ 5																				1	4
/ 3																					15
/ 1																					8
/ -1																					5
- / -3																					2
- / -5																					1
121	3.5	33.9	34.1	18.4	6.4	3.2	.3	.2										927	928	927	927

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

721304 COLUMBUS AFB MS
STATION STATION NAME

70,73-81

YEARS

JAN
MONTH

PAGE 1

1200-1400
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

<u>72-306</u>	<u>COLUMBUS AFB MS</u>
STATION	STATION NAME

70,73-81

YEARS

JAN
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
7 / 77						.1			.2									3	3					
76 / 75					.1	.3		.1										5	5					
74 / 73					.1	.1	.1		.1									4	4					
73 / 71				.4	.4	.1	.1		.1	.1								12	12					
71 / 69				1.0	.8	.2	.5	.1	.1									25	25					
69 / 67			.5	.3	.4	.3	.2	.1	.2	.3	.1							24	24	2				
67 / 65			.1	.3	.6	.4	.1	.5	.1									21	21	9				
64 / 63		.2	.3	.3	.3	.5	.4	.5	.3									28	28	24				
62 / 61		.9	.2	.1	.3	.3		.9	.1									26	26	17	13			
61 / 59		.5	.6	.3	.6	.5	.9	.9	.2									43	43	22	19			
59 / 57	.2	.6	.2	.6	.6	.8	.5	.3	.2									39	39	27	29			
57 / 55		.8	.2	.2	.6	.8	1.0	.9	.1									42	42	22	16			
54 / 53	.1	.2		.3	1.0	1.0	1.0	.9										41	41	30	22			
52 / 51		1.1	.9	.3	.9	.8	.8	.1										44	44	29	14			
50 / 49		1.6	.4	.8	1.1	.9	.9											52	52	37	15			
49 / 47		2.4	.3	.4	1.3	1.1	.3											54	54	57	29			
47 / 45	.1	1.2	.5	1.6	1.2	.6												49	49	64	37			
44 / 43		.9	.8	.5	1.5	.6												40	40	50	29			
42 / 41	.2	1.7	.9	1.0	1.1	.5	.1											51	51	61	23			
40 / 39	.2	1.0	1.2	1.2	.8	1.2												51	51	65	45			
37 / 37	.2	2.6	.9	1.2	1.7													63	63	58	35			
36 / 35		1.3	.3	2.0	1.2													45	45	67	43			
33 / 33	.1	.8	1.2	1.0	1.4													41	41	46	65			
32 / 31		1.2	1.0	1.9	.5													43	43	41	67			
29 / 29	.1	1.6	.8	1.0	.4													36	36	61	44			
27 / 27		.1	.1	1.4	.2													17	17	51	34			
25 / 25		.6	.4	.1														11	11	32	49			
23 / 23			.5	.3														8	8	22	35			
21 / 21			.8															7	7	16	43			
19 / 19		.2	.2															4	4	12	48			
17 / 17		.1																1	1	6	35			
15 / 15																								

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

[illegible]

USAFETAC **FORM** **0-26-3 (OL A)** **PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE**
JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF Weather Service/MAC

PSYCHROMETRIC SUMMARY

725306 COLUMBUS AFB MS

70,73-81

YEARS

JAN
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
74 / 73						.1												1	1				
72 / 71					.2		.1											3	3				
70 / 69			.1	.3	.1													5	5				
68 / 67			.1	.2	.1	.2												6	6				
66 / 65		.1	.4	.2		.1												8	8	1			
64 / 63		.3	1.0	.5	.1													18	18	9			
62 / 61		.8	.4	.4	.4	.3	.2											24	24	13	3		
60 / 59		.9	.6	.5	.3	.3	.1	.1										27	27	20	16		
58 / 57	.3	.3	.2	.6	.2	.2	.2											20	20	22	22		
56 / 55	.4	.9	.5	1.2	.1	.2	.2											33	33	19	22		
54 / 53		.5	1.2	.8	.5	.3	.1											32	32	20	8		
52 / 51	.3	1.6	.3	.6	1.0	.3	.1	.1										41	41	25	24		
50 / 49		1.7	.8	1.0	1.4	.1	.3											49	49	47	14		
48 / 47	.1	1.5	.3	1.8	1.2	.4												50	50	36	39		
46 / 45	.1	2.0	1.3	2.0	.9	.9												67	67	37	35		
44 / 43		1.3	1.0	2.0	.9	.2												50	50	43	24		
42 / 41		2.5	1.7	1.2	.5													55	55	66	36		
40 / 39	.4	.9	1.0	1.9	.3													42	42	60	27		
38 / 37	.3	2.8	2.0	1.5	.4													66	66	65	40		
36 / 35		2.0	1.7	.8	.3													45	45	62	43		
34 / 33	.2	1.3	2.8	1.7	.3													59	59	74	58		
32 / 31		1.9	3.4	2.2	.3													73	73	35	71		
30 / 29	.2	2.6	3.3	1.2														68	68	67	53		
28 / 27		.9	1.5															22	22	66	41		
26 / 25		.8	1.3	.2														21	21	60	49		
24 / 23		.2	1.5	.2														18	18	24	40		
22 / 21		.2	.8	.1														10	10	16	67		
20 / 19		.5	.3															8	8	24	43		
18 / 17		.1	.2															3	3	7	31		
16 / 15		.2	.1															3	3	5	27		
14 / 13		.2																2	2	4	24		
12 / 11		.1																1	1	3	19		
10 / 9																					16		
8 / 7																					15		
Element (X)	Σ X ²		Σ X		Σ		Σ ₂		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total
Dry Bulb																							
Wet Bulb																							
Dew Point																							

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

PAGE 2

1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
/ 5																					9
/ 3																					5
/ 1																					5
/ -1																					2
- / -3																					2
TAL	2.5	29.1	33.0	23.3	9.7	3.8	1.4	.2											930		930
																		930		930	
Element (X)	Σx^2		Σx		X	x_n	No. Obs.	Mean No. of Hours with Temperature					≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total		
Rel. Hum.	4519519		63073		67.8	16.136	930							22.9	1.5	.1			93		
Dry Bulb	1756978		38982		41.9	11.507	930												93		
Wet Bulb	1445741		35209		37.9	11.017	930												93		
Dew Point	1089602		29230		31.4	13.563	930						.4	51.9					93		

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72.3.3 COLUMBUS AFB MS 70.73-81

YEARS

JAN
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
69				.2														2	2						
67			.5	.1														6	6						
65		.1	.2	.1	.2													6	6						
63		.5	.4	.1	.2													12	12	9					
61		.6	.6	.3		.1												16	16	11	5				
59		1.5	.6	.1	.1	.2												24	24	11	20				
57	.3		.4	.1	.4													18	18	25	12				
55		1.1	.5	.3	.2													20	20	21	21				
53		.9	1.1	.9	.6													32	32	13	12				
51	.2	1.4	1.5	.6	.6	.1												42	42	21	22				
49	.2	1.8	.5	.4	.5	.3												36	36	38	17				
47		1.1	.5	1.1	.6	.3												34	34	37	22				
45	.1	1.5	1.2	1.2	.4	.5												46	46	27	35				
43	.1	2.3	1.4	.8	.5	.1												48	48	27	18				
41	.2	2.2	1.4	1.3	.4													51	51	59	33				
39	.3	2.5	2.5	.8														56	56	53	31				
37	.9	3.0	2.4	1.7														74	74	66	51				
35	.2	1.9	2.4	1.1														52	52	78	49				
33		1.9	2.7	.9														51	51	53	44				
31		4.2	3.3	1.1	.3													83	83	55	48				
29		3.4	1.7	.4														52	52	68	68				
27	.1	4.6	2.0	.2														65	65	71	43				
25		1.5	2.0															33	33	68	58				
23		1.1	1.3	.1														23	23	33	55				
21		.8	1.1															17	17	28	67				
19		.6	.6															12	12	24	51				
17		.9	.2															10	10	12	22				
15																				12	32				
13		.2																2	2	1	22				
11		.4																4	4	3	18				
9		.3																3	3	5	21				
7																				1	11				
5																					7				
3																					6				
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Mean No. of Hours with Temperature						
Rel. Hum.																			≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb																									
Wet Bulb																									
Dew Point																									

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

2100-230
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
/ 1																					4			
/ -1																					4			
- / -3																					1			
TAL	2.7	43.0	33.3	13.9	5.4	1.7												930	930	930				
																		930		930				
Element (X)	Σx^2		Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature																	
Rel. Hum.	5124929		67775	72.9	14.136	930	$\leq 0^\circ F$	$\leq 32^\circ F$	$\approx 67^\circ F$	$\approx 73^\circ F$	$\approx 80^\circ F$	$\approx 93^\circ F$	Total											
Dry Bulb	1559721		36545	39.3	11.537	930		30.4	.8				93											
Wet Bulb	1334221		33647	36.2	11.217	930		38.1					93											
Dew Point	1054848		28766	30.9	13.330	930	.5	53.8					93											

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1223 6 COLUMBUS AFB MS
STATION STATION NAME

70, 73-81 YEARS

JAN
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	Dry Bulb	Wet Bulb	Dew Point	
7 / 77						.0			.0									3	3		
7 / 75					.0	.1		.0										10	10		
4 / 73					.0	.1	.0		.0									9	9		
7 / 71			.0	.1	.1	.0	.1		.0	.0	.0							25	25		
7 / 69			.1	.3	.2	.1	.1	.0	.0		.0							54	54		
6 / 67			.5	.3	.1	.1	.0	.0	.1	.0								86	86	6	
6 / 65		.1	.3	.2	.1	.1	.1	.1	.0									77	77	19	
4 / 63		.4	.4	.3	.1	.1	.1	.1	.1									122	122	90	
7 / 61	.1	1.0	.5	.1	.1	.2	.1	.1	.0									160	160	103	
7 / 59	.1	1.1	.7	.2	.2	.3	.3	.2	.0									217	217	159	
7 / 57	.2	1.0	.4	.3	.3	.3	.2	.1	.0									216	216	177	
5 / 55	.3	1.0	.5	.5	.4	.3	.2	.1	.0									240	240	175	
4 / 53	.1	.8	.6	.4	.5	.3	.2	.2										231	231	150	
2 / 51	.2	1.2	.6	.5	.6	.4	.2	.0										269	269	198	
5 / 49	.2	1.4	.6	.6	.6	.3	.3											300	301	250	
4 / 47	.1	1.7	.5	.9	.7	.3	.1											322	322	286	
4 / 45	.2	2.0	1.0	1.1	.7	.4	.0											402	403	329	
4 / 43	.1	1.9	1.0	1.0	.6	.2	.0											367	367	320	
2 / 41	.2	2.1	1.4	.8	.6	.1	.0											393	393	436	
4 / 39	.3	2.4	1.5	1.1	.4	.2												446	446	419	
7 / 37	.3	2.6	1.6	1.0	.5	.1												452	452	501	
7 / 35	.3	2.3	1.4	1.2	.4													409	409	478	
3 / 33	.2	2.3	2.0	.9	.3													429	429	479	
2 / 31	.3	3.0	2.4	1.0	.3													524	524	402	
7 / 29	.1	2.9	1.8	.6	.1													411	411	512	
2 / 27	.2	2.7	1.2	.5	.0													344	344	485	
7 / 25	.1	2.0	1.3	.2														271	271	456	
2 / 23	.1	.9	1.1	.1														174	174	269	
2 / 21	.2	1.0	.9	.0														162	162	226	
7 / 19	.2	.9	.7															132	132	199	
1 / 17	.1	.5	.2															55	55	116	
1 / 15		.5	.1															43	43	74	
1 / 13		.5	.0															35	35	46	
1 / 11	.1	.1																13	13	36	
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature								
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total		
Dry Bulb																					
Wet Bulb																					
Dew Point																					

PSYCHROMETRIC SUMMARY

PAGE 7 ALL
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

YEARS

FEB
MONTH

PAGE 2 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
/ 5																					1			
/ 3																					3			
1 1 2	5.3	45.2	29.2	12.6	5.3	1.9	.1	.2	.1									846	846	846				
Element (X)	Z _X ²	Z _X	\bar{X}	σ_x^2	No. Obs.	Mean No. of Hours with Temperature																		
Rel. Hum.	4942848	63586	75.2	13.918	846	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total												
Dry Bulb	1552834	34868	41.2	11.704	846		21.1	.8	.1			84												
Wet Bulb	1341305	32317	38.2	11.243	846		30.2	.3				84												
Dew Point	1093012	28388	33.6	12.892	846		44.5					6												

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1233-6 COLUMBUS AFB MS

70,73-81

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0300-0500

HOURS (L. S. Y.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL																										
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																									
71 / 71			.4															3	3																										
67 / 67			.1	.2														3	3	3																									
65 / 65		1.1	.1															10	10		3																								
63 / 63		.2	.1															3	3	13	3																								
61 / 61		.2	.5	.1			.1											8	8	3	8																								
59 / 59	.1	2.4	.5	.5	.2		.1											32	32	7	8																								
57 / 57	.5	1.9	1.1	.4	.1													33	33	28	18																								
55 / 55	.1	.9	.6	.2		.1												17	17	24	23																								
53 / 53	.4	1.3	1.1	.2		.6												30	30	22	17																								
51 / 51		1.4	1.2	.2	.1													25	25	22	11																								
49 / 49		1.3	.6	.8	.1													24	24	23	25																								
47 / 47	.5	.9	1.7	1.7														40	40	27	24																								
45 / 45	1.2	2.6	2.8	.6	.2													63	63	40	29																								
43 / 43	.4	2.4	1.5	.6	.2													43	43	53	29																								
41 / 41	.6	1.9	.5	.8														32	32	60	41																								
39 / 39	.7	1.5	1.2	.7	.1													36	36	33	42																								
37 / 37	.6	3.2	1.9	1.3														59	59	33	43																								
35 / 35	.5	3.3	.6	1.3														48	48	49	40																								
33 / 33		3.7	1.4	.9														51	51	58	39																								
31 / 31	.2	5.7	1.5	.2														65	65	48	35																								
29 / 29	1.3	3.2	1.5															51	51	81	55																								
27 / 27	.6	3.4	.6															39	39	45	61																								
25 / 25	.6	4.1	1.3															51	51	58	64																								
23 / 23		2.5	.1															22	22	40	19																								
21 / 21	.2	2.5	.6															28	28	33	30																								
19 / 19	.2	2.1	.2															22	22	22	69																								
17 / 17		.2	.1															3	3	14	41																								
15 / 15		.1	.2															3	3	1	21																								
13 / 13		.2																2	2	6	19																								
11 / 11																					16																								
9 / 9																					6																								
7 / 7																					1																								
5 / 5																					3																								
3 / 3																					1																								
Element (X)	Σ x ²		Σ x		Σ	Σ x		Σ		Σ		Σ		Σ		Σ		Σ		Σ																									
Rel. Hum.																																													
Dry Bulb																																													
Wet Bulb																																													
Dew Point																																													
Mean No. of Hours with Temperature																																													
		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total																															

PSYCHROMETRIC SUMMARY

723306	COLUMBUS AFB MS
STATION	STATION NAME

70,73-81

YEARS

FEB
MONTH

PAGE 2 0300-0500
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 70.73-81 COLUMBUS AFB MS STATION NAME 70.73-81 YEARS 70.73-81 MONTH FEB

PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
74 / 73				.1														1	1					
72 / 71			.2															2	2					
70 / 69				.1														1	1					
68 / 67			.4															3	3	3				
66 / 65		.6																5	5		3			
64 / 63		.2	.1	.1														4	4	9	1			
62 / 61		.6	.4	.4			.1											12	12	3	11			
60 / 59	.1	2.2		.4	.1		.1											25	25	15	10			
58 / 57	.6	1.5	.4	.2														23	23	23	12			
56 / 55		1.8	.7	.2														23	23	21	26			
54 / 53	.2	1.2	.6	.5	.4													24	24	20	13			
52 / 51	.4	1.5	1.1	.2	.5													31	31	20	17			
50 / 49	.1	1.2	1.5	.4														27	27	27	24			
48 / 47	.4	2.4	1.4	.8														42	42	24	16			
46 / 45	1.1	2.0	1.7	1.2	.6													55	55	56	41			
44 / 43	.4	1.9	1.9	.5	.1													40	40	31	32			
42 / 41	.8	1.3	.9	.8	.1													34	34	45	28			
40 / 39	.7	2.7	2.1	.2														49	49	48	36			
38 / 37	.9	2.2	1.1	1.4														48	48	46	33			
36 / 35	.1	3.4	2.1	.5														52	52	39	46			
34 / 33	.2	3.0	3.3	.4														58	58	58	44			
32 / 31	.1	5.7	1.3	.4														63	63	59	40			
30 / 29	1.5	3.2	1.8															55	55	80	52			
28 / 27	.6	2.6	1.3															38	38	46	66			
26 / 25	.6	3.0	.4															33	33	48	69			
24 / 23	.5	2.2	.8															30	30	41	24			
22 / 21	.4	2.1	.4															24	24	27	34			
20 / 19	.5	2.7	.2															29	29	30	51			
18 / 17		1.1	.2															11	11	12	39			
16 / 15		.4	.1															4	4	10	25			
14 / 13																				5	21			
12 / 11																					11			
10 / 9																					10			
8 / 7																					4			
Element (X)	Σ x ²		Σ x		Σ	σ _x	No. Obs.		Mean No. of Hours with Temperature							Total								
Rel. Hum.									≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F										
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

7233.6	COLUMBUS AFB MS
STATION	STATION NAME

70.73-81

YEARS

FEB
MONTH

PAGE 2 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
/ 5																					3	
/ 3																					2	
/ 1																					2	
1 - TALL	10.2	52.7	26.4	8.7	1.8		.2												846		946	
																		846		846		

PSYCHROMETRIC SUMMARY

YEARS

FEB
MONTH

PAGE 2

0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
/ 7																					4	
/ 5																					4	
/ 3																					2	
TAL	2.6	21.0	27.5	20.3	13.7	7.7	3.5	2.1	.9	.1	.1								846		846	
																		846		846		
													</									

PSYCHROMETRIC SUMMARY

FER
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
11 JAN 71

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723316
STATION

COLUMBUS AFB MS
STATION NAME

70, 73-81
YEARS

FEB
MONTH

PAGE 1

1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb		Wet Bulb	Dew Point				
7 / 91																						4	4		
7 / 79								.1	.2	.1	.1	.5	.1	.1				8	8						
7 / 77							.2	.4	.4	.4	.2	.1	.1					15	15						
7 / 75						.4	.4	.2	.2	.8	.2							19	19						
7 / 73					.5	.1	.5	.1	.1	.4	.4							17	17						
7 / 71				.1	.4	.4	.2	.6	.7	.2	.2							24	24						
7 / 69			.1	.6	.8	.6	.2	.6	.4	.2	.2							32	32						
7 / 67		.1	.4	.4	.5	.4	1.1	.4	.4	1.3	.1							41	41						
7 / 65	.1	.1	.9	.7	.1	.1		.5	1.4	.8								41	41	20	1				
7 / 63		.5	1.1	.2		.5	.6	.9	.6	.5								41	41	26	2				
7 / 61		.7	.7	.1	.5	.1	.4	1.4	.7	.6								44	44	30	13				
7 / 59		1.2	.2	.2	.4	.2	1.3	.6	.6									40	40	44	27				
7 / 57		.8	.1	.1		.5	1.5	1.2										36	36	48	21				
7 / 55		.1	.1	1.1	.5	.6	1.9	.2										38	38	29	44				
7 / 53		.2	.4	.2	.2	1.9	1.2	.4	.4									41	41	24	17				
7 / 51	.2	.1	.5	.6	.7	.8	2.0	.4										45	45	36	13				
7 / 49		.6	.6	.5	1.1	1.3	1.7	.2										50	50	48	10				
7 / 47	.2	1.1	.1	1.4	.9	.4	.8											42	42	62	19				
7 / 45	.4	.6	.4	.7	.7	.8	.5											34	34	59	44				
7 / 43	.1	.4	.5	.8	1.1	2.1	.2											44	44	64	29				
7 / 41		.5	1.1	.7	.5	.9												31	31	49	21				
7 / 39	.4		1.1	.6	1.7	.9												39	39	51	22				
7 / 37	.2	.6	2.1	1.2	1.4	.1												48	48	47	34				
7 / 35		1.1	1.2	.5	.4													26	26	46	52				
7 / 33		.7	.6	.4	.6													19	19	62	51				
7 / 31		.4	.8	.6	.1													16	16	41	73				
7 / 29		.1	.1	.4														5	5	29	57				
7 / 27				.2														2	2	14	53				
7 / 25				.2														2	2	7	45				
7 / 23				.1														1	1	5	27				
7 / 21																				2	26				
7 / 19																				2	37				
7 / 17																					23				
7 / 15																					30				
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature												
Ref. Num.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb																									
Wet Bulb																									
Dew Point																									

PSYCHROMETRIC SUMMARY

YEARS

FE 3
MONTH

PAGE ? 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
1- / 13																					17			
1 / 11																					21			
/ 9																					8			
/ 7																					4			
/ 5																					3			
/ 3																					1			
TAL	1.7	2.8	13.0	12.7	12.9	13.1	14.7	8.2	6.0	5.3	1.5	.7	.2	.1				845	845	845	845			
Element (X)	Z _X ²	Z _X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total												
Rel. Hum.	2614928	43528	51.5	21.014	845	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total												
Dry Bulb	2585216	45490	53.8	12.708	845		2.6	15.9	6.3	.9		84												
Wet Bulb	1814962	38140	45.1	10.524	845		9.9					84												
Dew Point	1151423	28999	34.3	13.605	845		42.2					8												

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

FEB
MONTH

PAGE 2 1600-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
/ 7																					4			
- / 5																					3			
- / 3																					1			
TAL	2.6	17.3	23.9	20.8	14.5	11.3	4.4	2.8	1.5	.2	.1								846		846			
																			846					
Element (X)	Z _x ²	Z _x	X̄	s _n	No. Obs.	Mean No. of Hours with Temperature						Total												
Rel. Hum.	3610599	53033	62.7	18.402	846	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total												
Dry Bulb	2044430	40458	47.8	11.390	846		7.7	4.0	.7			84												
Wet Bulb	1598736	35696	42.2	10.467	846		16.9					84												
Dew Point	1159176	29316	34.7	13.023	846		40.4					8												

USAFETAC
FORM
(JUN 71)
0-26-3 (OL A)
PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2
 FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23304 COLUMBUS AFB MS

70, 73-81

FEB

PAGE 1

2100-2300

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
64 / 73				.1	.2													3	3		
64 / 71			.2															2	2		
64 / 69			.1	.1	.4	.1			.1									7	7		
64 / 67			.1	.1				.1	.1									4	4	3	
64 / 65		.6	.4			.1			.2									11	11	3	
64 / 63		.9	.1	.1	.5	.2	.1											17	17	8	8
64 / 61		.4	.9	.4	.4	.4												19	19	14	7
64 / 59	1.1	1.9	1.3	.4	.8	.2		.2										50	50	21	20
64 / 57		1.8	1.4	.2	.5	.5	.2											39	39	24	22
64 / 55	.4	.7	.8	.5	.9	.8	.1											36	36	39	17
64 / 53	.4	.6	.8	.2	.2	.1	.2											22	22	29	26
64 / 51		.5	.9	.9	.5	.5												28	28	25	21
64 / 49	.4	1.5	.4	1.3	1.1	.4	.1											43	43	29	21
64 / 47	.5	1.5	.8	1.1	1.5	.8	.1											54	54	37	29
64 / 45	.2	1.9	2.6	.9	.4	.2												53	53	44	28
64 / 43		.4	1.7	2.3	.7													40	40	33	31
64 / 41	.4	1.8	1.9	.8	.6													46	46	60	18
64 / 39	.2	1.4	2.7	1.3														48	48	55	39
64 / 37	.4	3.0	2.6	.7	.4													59	59	61	47
64 / 35	.4	2.7	3.1	2.4	.2													74	74	68	43
64 / 33	.1	2.0	2.7	.8														48	48	58	48
64 / 31		1.7	2.7	.7														43	43	49	71
64 / 29		1.5	3.8	.7														51	51	51	53
64 / 27		1.4	1.8	.1														28	28	57	59
64 / 25		.4	.7															9	9	40	47
64 / 23		.1	.1															2	2	24	20
64 / 21	.1	.1	.5															6	6	4	41
64 / 19			.2															2	2	5	49
64 / 17		.1																1	1	2	35
64 / 15		.1																1	1	2	14
64 / 13																				1	7
64 / 11																					11
64 / 9																					5
64 / 7																					5
Element (X)	ΣX^2			ΣX			\bar{X}	σ_x	No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb																					
Wet Bulb																					
Dew Point																					

PSYCHROMETRIC SUMMARY

720306	COLUMBUS AFB MS
STATION	STATION NAME

7C, 73-81

YEARS

FEB
MONTH

PAGE 2 2100-2300
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

02:30 COLUMBUS AFB MS

70,73-81

FF =

MONITORING

PAGE 1

ALL

HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1253.4 COLUMBUS AFB MS

70, 73-81

MAP
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	Dry Bulb	Wet Bulb	Dew Point				
74 / 72			.4	.1																5	5			
73 / 71			.4	.3	.3															10	10			
72 / 69		.1	.9	.9	.5															22	22	7		
71 / 67		.9	.8	1.1	.4	.2		.1												32	32	10	8	
70 / 65		.8	.4	2.4	.4	.1	.1													39	39	14	9	
69 / 63	.1	.8	.2	1.1	.3	.2	.2	.1												28	28	28	14	
68 / 61	.3	2.3	1.0	1.1	1.1	.4	.1	.1												59	59	32	27	
67 / 59	.4	2.2	.9	.5	.4	.3	.1													45	45	52	26	
66 / 57	.9	1.6	.8	.9	.6	.8	.1													52	52	55	51	
65 / 55	.3	1.9	1.0	.5	1.2	.6	.1													53	53	43	49	
64 / 53	.8	2.4	1.6	1.5	1.4	.1														72	72	52	47	
63 / 51	.4	2.5	1.7	1.0	.6	.2														60	60	52	47	
62 / 49	.6	1.1	1.8	1.2	.3															47	47	66	57	
61 / 47	.2	2.8	1.7	1.0	.1															54	54	64	37	
60 / 45	.1	3.3	2.3	1.4	.1	.1														68	68	81	31	
59 / 43	.1	1.7	1.8	1.6	.2															51	51	52	59	
58 / 41		1.7	1.5	1.5	.8															51	51	46	58	
57 / 39	.6	1.5	1.9	1.5	.2															54	54	57	70	
56 / 37	.3	2.4	2.4	.9																55	55	53	49	
55 / 35	.3	2.4	.9	.5																38	38	61	51	
54 / 33	.1	.6	.4	.3																14	14	58	44	
53 / 31		.8	.5																	12	12	18	72	
52 / 29																						12	44	
51 / 27																						8	10	
50 / 25		.1																		1	1		26	
49 / 23		.2																		2	2	3	9	
48 / 21		.5																		5	5	3	13	
47 / 19		.1																		1	1	3	5	
46 / 17																							12	
45 / 15																							3	
44 / 13																							2	
TOTAL	5.7	34.5	25.3	21.2	9.1	3.1	.8	.3													930	930	930	
Element (X)	Σ X ²		Σ X		Σ X	Σ X	No. Obs.	Mean No. of Hours with Temperature																
Rel. Hum.	5567722		70704		76.0	4.391	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb	2496319		47193		50.7	10.453	930		2.1	6.9	.5			93										
Wet Bulb	2154723		43763		47.1	10.031	930		4.7	1.7				93										
Dew Point	1845559		40029		43.0	1.489	930		19.6	.8				93										

PSYCHROMETRIC SUMMARY

2.3 COLUMBUS AFB MS

70,73-81

MAP

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0600-0800

HOURS (L - S - T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
4 / 73				.2														2	2					
4 / 71		.1	.2	.2														5	5					
4 / 69		.2	.5	.2	.3													12	12	2				
4 / 67		.4	.6		.3	.1	.1											15	15	9	2			
4 / 65		1.3	1.4	.3	.2	.2												32	32	8	11			
4 / 63	.3	1.4	.8	.4			.1											28	28	25	14			
4 / 61	.4	2.5	2.0	.4	.2	.1												53	53	40	28			
4 / 59	.2	2.8	1.3	.5	.1	.1	.1											48	48	37	32			
4 / 57	.1	1.9	1.6	.5	.5	.3												47	47	49	40			
5 / 55	.8	1.3	1.2	.6	1.4	.5												54	54	49	45			
4 / 53	.6	2.9	1.7	.6	1.1	.1												66	66	40	35			
4 / 51	.6	1.9	1.7	1.1	.5	.1												56	56	57	54			
5 / 49	.5	2.3	1.9	1.8	.4													65	65	55	52			
4 / 47	1.0	2.3	2.7	.9	.6													69	69	71	44			
4 / 45		3.5	2.6	.6	.4													67	67	61	37			
4 / 43	.4	1.6	1.7	.9														43	43	79	46			
4 / 41	.6	1.6	2.4	1.2	.2													56	56	54	63			
4 / 39	.3	1.4	2.9	.9														51	51	55	68			
3 / 37	.5	2.0	1.7	.4	.1													45	45	49	51			
3 / 35	.3	2.3	2.3	.2														47	47	62	62			
3 / 33	.4	1.3	1.6	.3														34	34	58	41			
2 / 31	.4	.6	.4	.1														15	15	27	66			
2 / 29		.6	.3															9	9	17	37			
2 / 27	.1	.1																2	2	12	33			
2 / 25		.1																1	1	6	31			
2 / 23		.1																1	1		10			
2 / 21																				1	7			
1 / 19	.1	.5																6	6	3	4			
1 / 17		.1																1	1	4	8			
1 / 15																					5			
1 / 13																					1			
1 / 11																					2			
1 / 9																					1			
Element (X)	Σ X ²		Σ X		Σ		Σ _A		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2

0600-0800
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

<u>7233</u>	<u>COLUMBUS AFB MS</u>
STATION	STATION NAME

70,73-81

YEARS

MAR
MONTH

PAGE 2

0900-1100
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

1233 A	COLUMBUS AFB MS
STATION	STATION NAME

70,73-81

YEARS

MAR
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb		Wet Bulb	Dew Point		
7 / 63								.1	.4			.1						6	6				
7 / 71							.4	.3	.1	.1	.1	.4						14	14				
7 / 79						.5	.4	.9	.6	.5								28	28				
7 / 77				.1	.1	1.0	.6	.8	1.1	.2	.3	.1						40	40				
7 / 75				.2	.6	1.1	.5	1.1	.4	.5	.6							48	48				
7 / 73				.6	.4	.2	1.0	1.3	.4	1.0	.6	.1						53	53				
7 / 71			.4	.4	1.3	.8	1.3	.4	.8	.8	.4							61	61	5			
7 / 69			.4	.8	.5	.5	.6	.6	1.8	.3								53	53	14	1		
7 / 67			.5	.6	.3	.6	1.1	.8	.9	1.1								55	55	40	2		
7 / 65		.3	1.7	.5	.2	.3	1.0	.8	1.5	.2								54	54	39	8		
7 / 63	.2	1.2	.5	.5	.1	.8	.8	1.4	.5	.2								58	58	52	33		
7 / 61	.2	.9	.3	.2	1.0	.4	1.2	1.0	1.0									57	57	84	39		
7 / 59	.1	.3	.8	.5	.6	.5	1.4	1.2	.5									56	56	52	47		
7 / 57	.2	.4	1.1	.3	1.2	.5	1.5	1.3	.2									63	63	49	48		
5 / 55	.1	.6	1.4	.4	.8	1.5	1.5	.6										65	65	57	32		
4 / 53		.8	.8	.9	.1	.5	.8	.4										39	39	84	30		
2 / 51		.9	1.7	1.3	.2	1.2	.8	.1										57	57	59	55		
5 / 49		.1	.3	.8	.5	.5	.2											23	23	87	47		
7 / 47		.5	.1	.8	.8	1.0	.1											30	30	73	41		
4 / 45		1.3	.1	1.0	.4	.3	.1											30	30	59	53		
7 / 43		.2	.4	.4		.2	.1											13	13	53	48		
7 / 41		.1	.2	.1	.1	.2												7	7	40	62		
4 / 39			.2		.1													3	3	37	46		
3 / 37		.1	.1		.1													3	3	16	40		
7 / 35		.2	.1	.2														5	5	9	45		
3 / 33		.2		.1														3	3	6	48		
7 / 31				.1														1	1	5	53		
7 / 29			.1															1	1	4	37		
7 / 27	.1	.2	.1															4	4	1	38		
7 / 25																				4	30		
2 / 23																				1	6		
2 / 21																					10		
7 / 19																					17		
7 / 17																					6		
Element (X)	Σ X ²		Σ X		X		σ _x		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total
Dry Bulb																							
Wet Bulb																							
Dew Point																							

PSYCHROMETRIC SUMMARY

YEARS

MAQ
MONTH

1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
1 / 15																					1
1 / 13																					3
1 / 11																					4
TAL	1.0	8.4	13.8	11.0	9.6	12.8	15.4	13.0	10.3	4.9	2.2	.8							930		930
																		930		930	
																				</	

2
D
JUN 71
USAFETAC
FORM 0-26-3 (OL A)
PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

120306 STATION COLUMBUS AFB MS STATION NAME 70,73-81 YEARS MAP MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
8 / 87											.1							1	1			
6 / 85										.1								1	1			
4 / 83									.9	.4	.1			.3				16	16			
2 / 81							.1	.9	.9	.1	.3	.4	.2					27	27			
0 / 79						.3	.1	.5	1.0	.2	.3	.1						24	24			
7 / 77				.1	.2	1.0		.4	1.5	.4	.4	.1						39	39			
16 / 75					.6	.1	.1	1.4	.9	.8	1.0							45	45			
14 / 73				1.0	.5	.8	.5	.8	.5	.6	1.2	.3						58	58			
11 / 71			.3	.2	1.3	1.1	.8	.5	.9	.9	.4							59	59	2		
9 / 69				1.2	1.5	.4	.8	.8	.3	1.2	.3							60	60	7		
6 / 67			.4	.5		.2	.6	1.2	.9	1.6								51	51	53	4	
4 / 65	.1	.3	.9	.9		.3	.8	.8	1.7	.6	.1							60	60	23	9	
2 / 63	.2	.8	.6	.4	.1	.9	1.4	1.5	1.1	.2								67	67	69	15	
0 / 61	.1	.9	.5	1.1	1.0	.8	.6	1.5	1.3									72	72	77	38	
11 / 59	.2	.3	.8	.8	1.4	1.0	.6	1.7	.5									68	68	62	44	
9 / 57	.2	.9	.4	.2	.6	.5	.3	1.6	.4									49	49	57	52	
5 / 55		.6	.8	.5	.1	.1	1.4	.6	.3									42	42	56	48	
4 / 53		.5	.2	1.1	.4	.5	.2											28	28	79	28	
2 / 51	.2	.4	.6	.4	1.7	1.0	.4	.1										46	46	80	44	
0 / 49	.1	.4	1.0	.3	.4	.8	.4											32	32	82	58	
4 / 47		.6	.6	.6	.9	.8	.5											38	38	59	38	
4 / 45		.6	.3	.1		.5	.2											17	17	59	50	
14 / 43	.1	.5				.3												9	9	68	48	
12 / 41			.2	.1														3	3	34	56	
4 / 39			.3															3	3	21	47	
3 / 37		.1		.1														2	2	12	42	
1 / 35		.2	.1	.2														5	5	14	38	
3 / 33		.1	.1															2	2	4	51	
2 / 31				.3														3	3	4	61	
7 / 29																				2	36	
2 / 27		.1																1	1		43	
0 / 25		.2																2	2	5	24	
2 / 23																				1	8	
12 / 21																					12	
Element (X)	Σ X ²		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature											Total
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb																						
Wet Bulb																						
Dew Point																						

PSYCHROMETRIC SUMMARY

YEARS

MAR
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

AL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12-3-81 COLUMBUS AFB MS 70,73-81 MAR 1980-2000
 STATION STATION NAME YEARS MONTH HOURS (L. S. T.)

PAGE 1 1800-2000
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
4 / 77										.1								1	1						
4 / 79								.2	.3									1	1						
7 / 77					.4	.3	.4	.4	.1	.1	.1							7	7						
7 / 75				.1	.3	.3	.5	.3	.3	.1								18	18						
7 / 73				.4	.3	.5	1.3	.6	.2									19	19						
7 / 71			.5	.4	.4	.8	.9	.3	.4	.1								32	32						
7 / 69		.1	.5	.8	.8	1.2	.2	.4	.2									36	36						
8 / 67		.1	.4	1.1	.6	1.2	.5	.2	.4	.1								46	46	6					
8 / 65		.8	.6	1.2	1.1	1.1	.6	.4	.2	.1								44	44	19	1				
4 / 63	.1	.8	1.3	1.0	.5	.8	1.7	.6	.3									56	56	24	13				
4 / 61	.2	1.9	1.5	.6	.6	.5	.9	.5										66	66	46	14				
4 / 59	.1	.5	.6	.4	.8	1.3	1.3	.3										64	64	65	34				
4 / 57	.6	1.3	1.4	.4	1.4	1.5	1.1	.2	.1									50	50	72	30				
5 / 55	.3	1.3	1.1	1.8	1.3	1.5	.9	.1										72	72	65	67				
4 / 53		.3	1.4	1.3	1.2	.9	.4	.2										74	74	51	40				
7 / 51		.8	1.6	.5	1.1	1.2	.8											53	53	56	53				
8 / 49	.3	.9	1.2	1.3	1.7	.8	.2											55	55	61	47				
4 / 47	.1	1.2	.6	.9	1.4	.9	.1											59	59	77	52				
4 / 45		.4	1.5	1.6	.5	.3	.1											48	48	82	41				
4 / 43		.6	1.1	1.1	.3	.3												42	42	64	44				
4 / 41	.2	.5	.2	.5	.4	.2												32	32	56	54				
4 / 39		.4	.5	.5	.3													20	20	64	59				
7 / 37				.3														17	17	48	56				
4 / 35		.3																3	3	25	55				
3 / 33			.2	.1														3	3	14	54				
4 / 31		.1	.1															3	3	18	43				
4 / 29			.1	.2														2	2	5	51				
2 / 27																		3	3	3	37				
2 / 25			.1															1	1	2	14				
2 / 23		.1																1	1	3	23				
2 / 21		.2																2	2	3	9				
1 / 19																					4				
1 / 17																					10				
Element (X)	Σ X ²			Σ X			Σ			Σ			No. Obs.			Mean No. of Hours with Temperature						Total			
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F				
Dry Bulb																									
Wet Bulb																									
Dew Point																									

PSYCHROMETRIC SUMMARY

1233 JA	COLUMBUS AFB MS
STATION	STATION NAME

70,73-81

YEARS

MAR
MONTH

PAGE 2 1800-2000
HOURS (L. S. T.)

[illegible]

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

233 COLUMBUS AFB MS

70,73-81

MAR

PAGE 1

2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point		
7 / 77				.1				.1										2	2			
6 / 75				.2	.1		.3											6	6			
5 / 73				.3	.3	.3		.1										10	10			
4 / 71			.8		.6	.3	.2	.1	.1									20	20			
3 / 69			.4	.8	.6	.6	.4	.2										29	29	3		
2 / 67		.8	1.1	.6	1.6	.9	.4	.2										52	52	13	1	
1 / 65		1.2	.5	1.4	.6	.5	.2											42	42	14	17	
0 / 63	.2	1.4	.6	.3	1.4	.5	.3											49	49	44	15	
-1 / 61		2.4	.8	.5	1.3	.8	.4	.1										55	55	52	29	
-2 / 59	.4	1.4	1.4	.6	.6	.8	.2											51	51	60	35	
-3 / 57	.9	1.8	.9	.3	1.4	.8	.2											58	58	62	57	
-4 / 55	.2	1.7	1.2	1.5	1.3	1.3												67	67	51	48	
-5 / 53	.5	.9	2.3	1.5	1.2	.4												61	61	49	59	
-6 / 51	.1	.9	2.3	1.3	1.5	.3	.1											57	57	46	34	
-7 / 49	.5	1.1	2.9	.9	1.2	.1												60	60	83	48	
-8 / 47		1.9	1.2	2.8	1.2	.4												70	70	64	41	
-9 / 45	.1	1.7	1.9	1.2	1.1													56	56	76	54	
-10 / 43		1.0	1.2	1.7	.8													43	43	51	61	
-11 / 41	.2	1.1	1.4	1.8	.2	.1												45	45	66	62	
-12 / 39		1.5	2.2	1.1	.2													46	46	40	51	
-13 / 37		.8	.5	1.0	.2													23	23	62	60	
-14 / 35		.4	.6	.2														12	12	43	48	
-15 / 33		.2																4	4	22	45	
-16 / 31		.1	.2															3	3	13	53	
-17 / 29			.1															1	1	5	28	
-18 / 27			.2															2	2	2	23	
-19 / 25			.1															1	1	2	21	
-20 / 23			.2															2	2	2	10	
-21 / 21		.3																3	3	4	11	
-22 / 19																				1	4	
-23 / 17																					10	
-24 / 15																					2	
-25 / 13																					3	
Element (X)	Σ X ²		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature										Total	
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F						
Dry Bulb																						
Wet Bulb																						
Dew Point																						

PSYCHROMETRIC SUMMARY

1235	COLUMBUS AFB MS
STATION	STATION NAME

70,73-81

YEARS

MAR
MONTH

PAGE 2

2100-2300
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

72-3..6 COLUMBUS AFB MS

70,73-81

MAR

MONTH

PAGE 1

ALL

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

72-36 COLUMBUS AFB MS
STATION STATION NAME

70.73-81

YEARS

MAR
MONTH

PAGE 2

ALL
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

12.3 -	COLUMBUS AFB MS
STATION	STATION NAME

70,73-81

YEARS

APR
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

72-3-5 COLUMBUS AFB MS
STATION STATION NAME

70,73-81

YEARS

PAGE 1 0300-0500
HOURS (L. S. T.)

HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ADDITIONAL WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1203 / COLUMBUS AFB MS
STATION STATION NAME

70.73-81
YEARS

APR
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
7 / 77			.1															1	1	
76 / 75		.2	.2		.1													5	5	
74 / 73		.4	.1	.3														8	8	3
72 / 71	.2	.7	1.0	.6	.1													23	23	10
70 / 69	.3	.6	2.3	1.2	.1	.3												44	44	7
68 / 67	.6	.7	2.8	1.9	.3	.3		.2										61	61	12
66 / 65	.2	2.9	2.9	1.2	.7	.2		.1										74	74	27
64 / 63	.6	3.1	1.9	1.3	.4	.2	.3											71	71	42
62 / 61	1.0	3.1	1.4	1.7	.9		.1											74	74	62
60 / 59	.6	3.1	2.0	1.4	.9	.6	.1											78	78	77
58 / 57		1.9	2.6	1.2	1.0	.4	.2											66	66	54
56 / 55	.1	2.2	2.6	1.0	1.2	.1												65	65	57
54 / 53		2.4	3.1	1.4	1.0													72	72	48
52 / 51	.1	2.0	1.8	1.7	.3													53	53	63
50 / 49	.1	2.1	2.3	1.1	.2													53	53	59
48 / 47		1.7	1.2	1.0	.2													37	37	62
46 / 45	.2	2.1	1.6	.3	.3													41	41	48
44 / 43	.1	1.0	1.2	.7														27	27	57
42 / 41		1.4	.6	.1														19	19	57
40 / 39	.2	.3	.4	.2														11	11	41
38 / 37	.2	.8	.2	.1														12	12	42
36 / 35	.1	.2	.1															4	4	27
34 / 33		.1																1	1	18
32 / 31																			3	10
30 / 29																				6
28 / 27																				8
26 / 23																				3
TOTAL	4.7	33.1	32.3	18.7	7.9	2.2	.8	.3										900	900	900
																		900		
Element (X)	Σ x'		Σ x		Σ	Σ	No. Obs.		Mean No. of Hours with Temperature											Total
Rel. Hum.	5734011		70927		78.8	12.674	900		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F						90
Dry Bulb	3032691		51663		57.4	8.637	900				14.2	1.4								90
Wet Bulb	2675277		48449		53.8	8.643	900			.3	5.1	.5								90
Dew Point	2394358		45552		50.6	9.940	900			2.7	3.2	.3								90

PSYCHROMETRIC SUMMARY

YEARS

APR
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
4 / 53				.2	.1													3	3					
5 / 51				.3	.3	.3	.3	.1	.1	.3								16	16					
6 / 79			.1	.3	.8	.7	.1	.3	.7	.4	.1							32	32					
7 / 77			.2	.3	1.2	.8	1.3	1.6	.3	.2	.2							56	56					
8 / 75		.1	.3	1.4	1.9	1.1	1.7	.9	.2	.7	.3							72	72	5				
9 / 73			.2	1.3	1.1	2.3	1.2	.7	.7	.1	.1							70	70	15	4			
10 / 71		.2	.4	1.3	1.6	1.6	.9	.8	.7	.1								68	68	17	10			
11 / 69	.1	.4	1.1	2.4	1.2	1.7	1.3	.8	.7	.1	.2							91	91	39	13			
12 / 67	.3	.6	1.3	1.0	1.0	.9	1.6	.9	.7									74	74	55	27			
13 / 65	.8	2.1	.4	1.0	.8	1.4	1.2	1.2	.4									85	85	81	46			
14 / 63	.4	.9	.9	.6	1.0	1.6	1.3	.7										66	66	118	61			
15 / 61	.4	.7	.2	.7	.8	1.4	1.4	.7	.1									58	58	75	65			
16 / 59	.4	1.0	1.0	.3	1.1	1.2	1.1	.3										59	59	69	63			
17 / 57	.1	.1	.8	.7	1.3	.9	.8	.2										44	44	71	46			
18 / 55		1.0	.4	.3	1.0	.2	.4											31	31	63	64			
19 / 53		.7	.3	.4	1.0	.7	.3											31	31	66	58			
20 / 51		.3	.4	.8	.4	.4	.1											23	23	75	51			
21 / 49			.1	.4	.3	.3												11	11	48	29			
22 / 47			.1	.1	.3													5	5	39	58			
23 / 45					.1													1	1	27	46			
24 / 43			.2		.1													3	3	15	53			
25 / 41																				13	47			
26 / 39				.1														1	1	6	35			
27 / 37																				1	44			
28 / 35																				1	20			
29 / 33																				1	18			
30 / 31																					16			
31 / 29																					8			
32 / 27																					12			
33 / 25																					5			
34 / 23																					1			
TOTAL	2.7	8.1	8.8	13.9	17.7	17.7	14.6	9.1	4.6	2.0	1.0													

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7223-6 COLUMBUS AFB MS 70,73-81 YEARS APR MONTH

PAGE 1 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point	
8 / 87					.1	.1	.1	.1		.1								5	5		
8 / 85					.2	.3	.4	.4	.3	.1	.2	.1	.2					22	22		
7 / 83					.4	.8	.6	.6	1.1	1.0	1.0	.4						53	53		
7 / 81					.2	.8	1.6	1.6	1.1	1.4	1.0	.8						76	76		
7 / 79					.1	1.9	1.7	1.3	1.3	1.3	1.0	.4						82	82	1	
7 / 77				.3	1.1	.6	1.3	1.7	2.0	2.2	.4	.6	.1					93	93	3	
6 / 75			.3	.2	.6	1.1	1.2	1.4	.6	.9	.4	.2						63	63	12	2
6 / 73			.3	.2	.3	.6	.7	1.6	1.3	.8	.4	.2						58	58	14	3
7 / 71		.3	.4	.9	.4	1.0	.9	1.2	1.3	1.0	.3	.1						72	72	27	9
6 / 69	.1	1.1	1.1	1.2	.7	.3	.6	1.1	1.7	.3	.2							76	76	76	19
6 / 67	.1	.3	1.2	.3	.3	.4	.9	.8	1.1	.4								54	54	58	26
6 / 65	.1	1.2	.8	.3	.2	.3	1.3	1.6	1.0	.3								62	62	87	41
4 / 63	.2	1.1	.2	.4	.1	1.1	1.6	1.2	.1	.1								56	56	104	55
4 / 61	.1	.4	.7	.2	.9	.9	.6	.7	.1									41	41	101	64
4 / 59	.1	.7	.7		.6	.3	.1	.8										29	29	72	64
4 / 57		.4	.2	.2	.1	.3	.6	.1										18	18	63	38
5 / 55		.8	.3		.3	.1	.1											15	15	64	56
4 / 53			.1	.4	.3	.2	.3											13	13	78	57
4 / 51				.2	.1	.4												7	7	55	51
5 / 49					.2	.2												4	4	26	37
4 / 47				.1														1	1	27	55
4 / 45																				15	58
4 / 43																				6	41
4 / 41																				8	51
4 / 39																				1	45
3 / 37																					31
7 / 35																					24
3 / 33																					26
7 / 31																					19
7 / 29																					14
2 / 27																					10
7 / 25																					3
2 / 23																					1
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature						Total		
Rel. Hum.													≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F			
Dry Bulb																					
Wet Bulb																					
Dew Point																					

PSYCHROMETRIC SUMMARY

120306 COLUMBUS AFB MS
STATION STATION NAME

70,73-81

YEARS

APR
MONTH

PAGE 2

1200-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

1234	COLUMBUS AFB MS
STATION	STATION NAME

70,73-81

YEARS

APR
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
6 / 87						.1	.1		.3		.2							7	7						
6 / 85					.1	.2	.8	.2	.7	.3	.9	.2	.3					34	34						
5 / 83					.2	.4	.7	.9	1.1	1.2	1.6	1.2	.1					67	67						
5 / 81					.3	.9	1.4	1.2	1.3	1.0	1.6	1.4						63	83						
4 / 79					.2	.8	1.2	1.7	2.3	1.6	1.0	.4	.2					95	85						
7 / 77					1.1	.7	1.2	.9	.6	1.2	1.7	.7						72	72						
7 1/2 / 75			.1	.6	.3	.4	1.9	.9	1.1	1.3	1.0	.4	.1					74	74	10					
7 1/2 / 73			.2	.9	.9	.4	.6	1.2	1.1	1.2	.6	.4						68	68	15					
7 1/2 / 71		.1	.4	.9	.2	.8	1.2	.8	1.2	1.2	.1	.4						67	67	20					
7 1/2 / 69	.2	.9	.9	1.1	.7	.6	1.7	.9	.9	.4	.1							69	69	64					
6 / 67	.1	.7	1.8	.6	.4	.1	.9	1.6	.6	1.2								71	71	72					
6 1/2 / 65	.1	.9	.4	.1	.4	.3	.7	1.6	1.3									53	53	110					
6 1/2 / 63	.1	.3	.3			.2	.9	.2	.4									23	23	100					
6 1/2 / 61	.3	1.0	.8	.7	.3	.8	.6	.8	.8									54	54	80					
6 1/2 / 59		.4	.7	.2	.1	.3	.2	.6										23	23	95					
6 1/2 / 57		.3	.2		.6	.4	.1	.1										16	16	78					
5 / 55		.6	.3		.6	.3	.4											20	20	62					
4 1/2 / 53			.2	.2		.1	.7											11	11	58					
4 1/2 / 51					.2	.1												3	3	46					
5 / 49																			40	43					
4 / 47																			25	53					
4 / 45																			10	44					
4 1/2 / 43																			12	44					
4 1/2 / 41																			1	60					
4 / 39																				48					
3 / 37																				25					
3 / 35																				25					
3 1/2 / 33																				22					
2 1/2 / 31																				22					
2 1/2 / 29																				18					
2 / 27																				14					
2 / 25																				3					
2 / 23																				4					
Element (X)	ΣX^2																								

PSYCHROMETRIC SUMMARY

1234 COLUMBUS AFB MS
STATION STATION NAME

70,73-81

YEARS

APPB

MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

HOURS (L, S, T.)

[illegible]

LOCAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12134 COLUMBUS AFB MS

70,73-81

APR

MONTH

PAGE 1

1800-2000

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31					Dry Bulb	Wet Bulb	Dew Point
4 / 53						.1		.1		.2											4	4		
7 / 71			.1	.1		.1	.2	.3	.3	.4	.1										16	16		
7 / 77		.2		.3	.6	.9	.8	1.1	.7	.1	.2										44	44	1	
7 / 75		.1	.1	.9	1.7	1.1	1.2	.9	.8	.7	.1										62	62	4	1
4 / 73			.7	.7	1.0	2.0	1.3	.8	.3	.1	.2										64	64	5	5
7 / 71		.1	.9	1.3	1.7	2.7	1.6	.6	1.1	.1											84	84	15	
7 / 69		.4	1.7	1.9	1.4	.8	1.0	.6	.9	.3	.1										82	82	29	15
7 / 67	.6	.8	2.1	.6	1.0	1.3	.9	.2	.4	.2											73	73	55	17
6 / 65	.8	1.6	1.7	.9	2.2	.8	1.1	.3	.1	.1											86	86	74	44
4 / 63	.1	1.0	1.2	1.1	1.4	1.1	1.1	.7	.1												71	71	118	40
7 / 61	.4	1.8	.9	.9	1.7	1.1	.3	.7	.1												71	71	96	81
7 / 59	.1	.9	1.1	1.0	.9	1.1	.8	.1													54	54	83	56
7 / 57		.7	1.3	1.0	1.0	1.3	.3														51	51	79	73
5 / 55		1.0	.6	.6	.8	.7	.3														35	35	74	69
4 / 53		.2		.4	.9	.6	.8	.2													28	28	71	60
7 / 51			.3	.8	.8	.2	.1														20	20	50	65
5 / 49			.6	.4	.3	.1															13	13	44	64
7 / 47			.1	.3	.2																6	6	48	44
4 / 45			.1	.1																	3	3	20	41
4 / 43		.2		.1																	3	3	18	44
7 / 41																							10	41
4 / 39																							5	38
3 / 37																							1	24
7 / 35																								27
3 / 33																								24
7 / 31																								11
7 / 29																								10
2 / 27																								4
7 / 25																								2
TOTAL	2.0	2.0	14.0	13.9	17.1	16.0	11.8	7.1	5.1	3.0	1.0										900	900	900	900
Element (X)	Σ X²		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Rel. Hum.	3723925		55623		61.8		17.844		900		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb	4528864		59784		66.4		8.005		900						45.9		22.0		3.4				90	
Wet Bulb	3117413		52567		58.4		7.268		900						10.9		1.0						90	
Dew Point	2508653		46667		51.9		9.942		900				2.7		3.8		.6						90	

PSYCHROMETRIC SUMMARY

7203	COLUMBUS AFB MS
STATION	STATION NAME

70,73-81

YEARS

APR
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

APR
MONTH

PAGE 2

ALL

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

MAY
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

USAFETAC **FORM** **0-26-3 (OL A)** **PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE**
JUL 71

PSYCHROMETRIC SUMMARY

120305	COLUMBUS AFB MS
STATION	STATION NAME

70,73-81

YEARS

MAY
MONTH

PAGE 1

2100-2300
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

2234 COLUMBUS AFB MS
STATION STATION NAME

70,73-81

YEARS

MAY
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

23	COLUMBUS AFB MS
STATION	STATION NAME

70,73-81

YEARS

JUN
MONTH

PAGE 1

0000-0200
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

7203 A COLUMBUS AFB MS
STATION STATION NAME

70, 73-81

YEARS

JUN
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

123 COLUMBUS AFB MS
STATION STATION NAME

70.73-81

YEARS

JUN
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

1234 COLUMBUS AFB MS
STATION STATION NAME

70,73-81

YEARS

JUN
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
1 L / 9									.1	.3	.2	.3	.1					1	1		
8 / 97									.1	.6	.4	.3	.2					11	11		
6 / 95									.2	.6	.4	.3	.1					20	20		
1 / 93						.1	.1	.9	1.3	1.8	.9	.3						49	49		
1 / 91						.1	1.2	3.0	2.2	1.1	1.3	.3						84	84		
1 / 89					.1	1.3	2.2	5.7	1.9	.9	1.7	.2	.1					127	127		
8 / 87					.9	2.9	4.4	1.9	2.2	1.1	.7	.1	.1					129	129		
6 / 85				.4	1.7	3.3	2.7	1.6	1.6	1.2	.4							116	116		
4 / 83			.1	1.0	2.0	2.0	2.2	1.7	1.7	.8	.3							106	106	1	
1 / 81			.4	.6	1.3	1.2	1.8	.9	1.3	.4	.1	.1						74	74	12	
1 / 79			.9	.8	1.1	1.2	.9	.9	.3	.1		.1						57	57	65	
7 / 77		.1	.6	1.1	.7	.9	.3	.7	.4		.3							46	46	149	
6 / 75		.2	1.3	.8	.6	.4	.3	.4		.1								38	38	174	
4 / 73		.3	.6	.1	.3	.2	.3	.3										20	20	143	
1 / 71		.1	.9	.3	.1													13	13	121	
1 / 69		.1	.1	.2														4	4	89	
6 / 67		.1	.2	.1														4	4	59	
6 / 65		.1																1	1	47	
4 / 63																				22	
1 / 61																				9	
1 / 59																				7	
1 / 57																				2	
5 / 55																					
4 / 53																					
12 / 51																					
5 / 49																					
44 / 43																					
4 / 41																					
4 / 39																					
TAL		1.1	5.1	5.4	9.8	13.8	16.6	18.1	13.7	8.4	6.4	1.9	.7					900	900	900	
Element (X)	Σx²			Σx			Σ	Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Rel. Hum.	2951277			50109			55.7	13.398		900		≥ 0 F		≥ 32 F		≥ 67 F		≥ 73 F		≥ 80 F	
Dry Bulb	6583998			76798			85.3	5.847		900						89.9		87.8		75.0	
Wet Bulb	4831483			65815			73.1	4.546		900						81.3		54.4		3.8	
Dew Point	4080633			60319			67.0	6.500		900						54.1		17.6			

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12-3-81 COLUMBUS AFB MS

70,73-81

JUN

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
0 / 99														.2				2	2		
1 / 97									.1	.2	.1	.3	.3	.1				11	11		
2 / 95								.1	.4	.3	1.0	.9	.2					27	27		
3 / 93								1.2	.8	1.8	1.3	.6						51	51		
4 / 91					.1	.4	1.0	3.3	1.8	2.1	.9	.6						92	92		
5 / 89					.6	3.7	5.2	1.8	2.3	1.0	.2							133	133		
6 / 87				.1	.4	2.2	3.1	1.6	1.7	1.9	.9	.4						111	111		
7 / 85				.6	.9	2.8	1.9	.7	2.0	1.1	.3							92	92		
8 / 83			.1	1.4	1.7	2.6	2.6	1.9	2.2	.8	.3							122	122	1	
9 / 81			.3	1.1	1.7	1.8	1.4	.7	1.7	.4		.3						79	79	8	
10 / 79			.1	1.8	1.1	.9	.2	1.1	.4									51	51	65	4
11 / 77		.1	.8	.8	1.0	1.1	.2	.9	.2		.3							49	49	129	10
12 / 75		.3	.8	1.4	.6	.7	.4	.4										42	42	177	54
13 / 73		.4	.9	.2	.6		.2	.1										22	22	141	92
14 / 71	.1	.6	.1	.1														8	8	130	129
15 / 69		.2	.4															6	6	106	124
16 / 67		.1	.1															2	2	58	107
17 / 65																				49	80
18 / 63																				25	64
19 / 61																				5	77
20 / 59																					3
21 / 57																				3	41
22 / 55																					29
23 / 53																					16
24 / 51																					12
25 / 49																					2
26 / 47																					1
27 / 45																					2
28 / 43																					3
29 / 41																					1
30 / 39																					
TOTAL	.1	1.6	3.4	8.0	7.3	13.0	14.8	17.2	13.1	11.0	6.2	3.3	.6	.3				900	900	900	900
Element (X)	Σ x ²		Σ x		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature								
Rel. Hum.	2892166		49424		54.9		14.072		900		≤ 0 F		≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Dry Bulb	6603832		76910		85.5		5.914		900					90.0	88.4	74.9	9.1	90			
Wet Bulb	4807680		65662		73.0		4.365		900					81.5	52.1	2.8		90			
Dew Point	4033619		59975		66.6		6.411		900					52.0	16.0	.2		90			

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

125301 COLUMBUS AFB MS

70.73-81

JUN
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point		
67/95							.1	.3		.1	.3	.1						1	1			
67/93							.4	.1	.4	.6	.3							8	8			
67/91						.8	1.2	.6	.4	.4	.1							17	17			
67/89							1.2	.6	.4	.4	.1							32	32			
67/87				.6	1.6	2.2	1.0	1.4	.1									62	62			
67/85			.8	1.9	2.6	1.7	2.1	.9										89	89			
67/83		.3	1.0	2.3	2.3	1.2	1.3	.6	.2									84	84			
67/81		1.1	2.6	3.2	3.1	1.7	1.1	.4	.1			.1						121	121	2		
7/79	.1	1.6	3.1	2.6	3.7	1.1	.3	.4										116	116	41	1	
7/77	.8	2.8	3.8	2.1	1.6	.8	.3	.1	.1									111	111	69	19	
6/75	.6	2.4	2.1	1.3	.7	.4	.1		.1									70	70	136	48	
4/73	1.7	2.0	2.6	1.3	.6	.7												79	79	153	105	
6/71	.6	1.0	1.9	.9	1.0	.1												50	50	180	123	
7/69	.2	.4	1.1	.8	.4	.2		.1										30	30	125	134	
6/67	.2	.9	.4	.4														18	18	75	117	
6/65	.6		.1															6	6	53	106	
4/63	.2	.2		.1	.1													6	6	36	89	
6/61																				17	66	
7/59																				9	33	
7/57																				2	17	
5/55																				1	19	
6/53																				1	13	
2/51																					5	
4/47																					1	
4/45																					1	
6/43																					2	
62/41																					1	
TOTAL	.8	5.6	14.3	19.1	17.3	17.2	11.7	7.4	4.8	1.8	.8	.2						900	900	900		
																		900		900		
Element (X)	Σx²		Σx		Σ		Σ²		No. Obs.		Mean No. of Hours with Temperature					Total						
Ref. Num.	4263049		60691		67.4		13.767		900		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb	5753245		71759		79.7		5.942		900				88.8	79.0	49.7	.9	90					
Wet Bulb	4636333		64473		71.6		4.434		900				78.1	40.1	1.3		90					
Dew Point	4125404		60720		67.5		5.663		900				54.7	17.3			90					

PSYCHROMETRIC SUMMARY

12:30 COLUMBUS AFB MS

70,73-81

JUN

MONTH

PAGE 1

ALL

HOURS (L, S, T.)

PSYCHROMETRIC SUMMARY

12-3-A COLUMBUS AFB MS
STATION STATION NAME

70,73-81

YEARS

JUL
MONTH

PAGE 1

0300-0500
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

7243 .6 COLUMBUS AFB MS

70,73-81

JUL

PAGE 1

0600-0800
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

7233 6 COLUMBUS AFB MS
STATION STATION NAME

70,73-81

YEARS

JUL
MONTH
1200-1400
HOURS (L. S. T.)

PAGE 1

[illegible]

PSYCHROMETRIC SUMMARY

720316	COLUMBUS AFB MS
STATION	STATION NAME

70,73-81

YEARS

JUL
MONTH

PAGE 1

1000-2000
HOURS (L. S. T.)

20

GLOBAL CLIMATOLOGY BRANCH
METAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72-316 COLUMBUS AFB MS

70,73-81

AUG
MONTH

PAGE 1

0000-0200
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

233	COLUMBUS AFB MS
STATION	STATION NAME

70,73-81

YEARS

AUG

MONITOR

PAGE 1

0600-0800
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY'

120315 COLUMBUS AFB MS
STATION STATION NAME

70.73-81

YEARS

AUG
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7233.6 COLUMBUS AFB MS 70.73-81 AUG 1200-1400
STATION STATION NAME YEARS MONTH
PAGE 1 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point												
100/103													.1					1	1													
99/101												.1						1	1													
98/99											.2	.3	.2					7	7													
97/97										.9	.4	.2	.2					16	16													
96/95							.1	.4	1.6	2.2	1.3	.5						57	57													
94/93						.2	.2	1.2	2.0	3.0	1.2	.2						75	75													
91/91						.3	2.4	3.9	3.5	2.6	.5							123	123													
89/89						1.0	4.1	6.8	2.3	1.7	1.0	.2						158	158													
87/87					.2	2.3	5.1	2.4	1.4	.9								113	113													
86/85				.3	1.5	4.1	3.0	2.6	1.4	.3								123	123													
83/83			.2	.6	2.3	2.8	1.5	.9	.8	.2								86	86	3												
81/81			.4	2.0	1.4	1.7	1.2	.6	.2									71	71	16												
79/79		.1	.8	.8	.2	.8	.5	.3										32	32	94	3											
77/77		.1	.9	1.1	.3	.3	.1											26	26	207	17											
75/75		1.0	.8	.5	.6													27	27	252	67											
73/73		.4	.9															12	12	176	136											
71/71			.1															1	1	91	196											
69/69		.1																1	1	63	187											
67/67																				23	119											
66/65																				5	78											
64/63																					49											
62/61																					42											
59/59																					22											
57/57																					9											
55/55																					4											
54/53																					1											
TOTAL		1.7	4.0	5.4	6.6	13.4	18.2	19.0	13.2	11.7	4.6	1.6	.5					930	930	930	930											

PSYCHROMETRIC SUMMARY

720306	COLUMBUS AFB MS
STATION	STATION NAME

70,73-81

YEARS

AUG
MONTH

PAGE 1 1500-1700
HOURS (L.S.T.)

[illegible]

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7223-6 COLUMBUS AFB MS

70,73-81

YEARS

AUG
MONTH

PAGE 1

1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
6 / 95									.1		.1							2	2					
4 / 93								.1	.1	.1	.1	.2						6	6					
1 / 91					.1		.3	.4	1.0	.2	.1							20	20					
1 / 89				.1	.1	.5	.9	2.3	.6	.4								46	46					
6 / 87				.2	.1	1.8	3.1	.4	.5	.2	.2							62	62					
6 / 85				.4	1.6	3.5	2.5	1.4	.4	.2								93	93					
4 / 83			.2	1.7	3.3	3.1	2.3	.9	.4									111	111	2				
1 / 81			1.0	2.3	3.6	2.9	.6	.6	.1									103	103	3	2			
1 / 79		.2	2.4	5.6	3.2	2.2	1.3	.6	.1									145	145	29	3			
7 / 77		1.4	4.0	5.0	1.8	1.1	.2											125	125	94	13			
6 / 75	.2	1.7	4.3	2.4	1.7	.5												101	101	194	73			
4 / 73		1.4	2.9	1.2	.1	.3												55	55	243	118			
1 / 71		2.9	1.6	.5	.1	.1												49	49	161	197			
1 / 69		.3	.4	.1	.1													9	9	116	205			
6 / 67																				65	114			
6 / 65																				12	80			
4 / 63																				8	63			
1 / 61																					29			
1 / 59																					18			
1 / 57																					9			
5 / 55																					2			
4 / 53																					1			
TOTAL	.2	8.0	16.8	19.5	16.0	16.1	11.2	6.8	3.5	1.2	.5	.2						927	927	927	927			

PSYCHROMETRIC SUMMARY

72-3 6 COLUMBUS AFB MS

70,73-81

AUG

STATION

STATION NAME

YEARS

MONTH

PAGE 1

2100-2300

2.00-2.50
MOLES (1.5 T)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

120300 COLUMBUS AFB MS

70.73-81

YEARS

AUG
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
100/173												.0	.0					1	1				
99/161												.0	.1	.1				1	1				
98/149											.0	.1	.1	.0	.0	.0		12	12				
97/97									.0	.2	.1	.1	.0	.0	.0			35	35				
96/95							.0	.1	.4	.4	.4	.2	.0					111	111				
95/93						.0	.1	.5	.5	.7	.3	.2	.0					172	172				
94/91					.0	.1	.6	1.2	1.3	.7	.2	.0						305	306				
93/89				.0	.1	.4	1.2	2.4	.6	.6	.3	.1						424	424				
92/87				.0	.2	1.2	2.1	.8	.5	.3	.0							389	389				
91/85			.0	.2	1.0	2.4	1.4	1.0	.4	.2	.0							486	486	1			
90/83			.1	1.0	1.9	1.6	1.0	.4	.4	.1								475	475	10			
89/81			.3	1.8	2.0	1.2	.4	.3	.1									458	458	41	5		
88/79		.2	1.5	3.0	1.7	.8	.4	.1	.0									575	575	246	16		
87/77	.0	1.0	3.1	3.3	1.0	.4	.1											665	666	705	76		
86/75	.1	2.7	5.0	2.4	.7	.2	.0											828	828	1198	367		
85/73	.2	4.3	6.1	1.6	.1	.1	.0											923	924	1460	862		
84/71	.2	4.3	4.3	.6	.2	.0												717	717	1352	1497		
83/69	.4	2.7	2.7	.4	.1	.0												468	468	1160	1694		
82/67	.1	1.3	1.1	.2	.0													198	198	656	1117		
81/65		.9	.2	.1	.0													93	93	314	742		
80/63	.0	.4	.1	.0														48	48	164	480		
79/61		.2	.1	.0														29	29	64	283		
78/59		.1	.0															11	11	34	150		
77/57		.0	.0															6	6	19	79		
76/55																				6	46		
75/53																					13		
74/51																					3		
73/49	1.1	18.2	24.8	14.6	9.1	8.4	7.4	6.7	4.2	3.2	1.5	.5	.2	.0	.0					7433	7430		
																		7430			7430		
Element (X)	Σ x²		Σ x		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.	41778026		544270		73.3		16.028		7430		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb	46772069		586903		79.0		7.613		7433				725.3	586.9	316.4	33.2	744						
Wet Bulb	38813169		536179		72.2		4.024		7430				683.8	366.6	13.5		744						
Dew Point	35415894		512050		68.9		4.137		7430				564.2	132.8	.9		744						

PSYCHROMETRIC SUMMARY

7233.6 COLUMBUS AFB MS

69-70, 73-80

SEP

PAGE 1 0000-0200
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

69-70, 73-80

SEP
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

AD-A113 713

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC. F/G 4/2
COLUMBUS AFB, MISSISSIPPI. REVISED UNIFORM SUMMARY OF SURFACE W--ETC(11)
FEB 82

UNCLASSIFIED

USAFETAC/DS-82/015

SBI-AD-E850 15A

NL

5 - 5

50000

END
PAGE
5
50000

PSYCHROMETRIC SUMMARY

12:3.6 COLUMBUS AFB MS
STATION STATION NAME

69-70, 73-80

YEARS

SEP
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
(JUN 77)

20

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7253.1 COLUMBUS AFB MS
STATION STATION NAME

69-70, 73-80

YEARS

SFB

SEP
MONTH

PAGE 1

0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb		Wet Bulb	Dew Point		
2 / 97											.1	.1						2	2				
6 / 95											.2							2	2				
6 / 93											.1	.2						9	9				
7 / 91									.3	.3	.2	.4						12	12				
7 / 89						.2	.6	1.4	.6	.1								26	26				
8 / 87					.2	1.2	2.1	.9	.3									43	43				
8 / 85				.3	1.7	2.2	1.4	1.2	.3									65	65				
4 / 83				.8	2.9	1.9	.2	.7	.1	.1								60	60				
7 / 81			.4	2.1	4.1	1.6	1.0	.1										84	84				
7 / 79		.1	1.6	4.1	2.0	1.6	.9	.4	.1									97	97	9			
7 / 77		.3	2.6	2.8	2.3	.9	.9	.1	.1									90	90	77	4		
6 / 75		.7	3.2	2.2	2.4	1.0	.8	.1		.1								95	95	125	31		
4 / 73	.6	.9	2.6	1.7	1.7	1.1	.4	.3	.1									84	84	165	91		
7 / 71	.1	.9	2.1	1.3	.8	.4	.2	.2	.1									56	56	109	143		
7 / 69	.1	.9	2.4	1.2	.7	.1	.6											54	54	90	129		
6 / 67		.8	1.7	.4	.7	.9	.2											42	42	81	104		
6 / 65		.4	.3	.3	.9	.1												19	19	77	79		
4 / 63	.3	.7	.4	.3	.3	.1												20	20	49	79		
7 / 61		.2	.4	.9														14	14	29	63		
7 / 59	.2	.7	.6	.2	.1													16	16	26	43		
7 / 57		.3	.1															4	4	35	29		
5 / 55		.4		.1														5	5	22	26		
4 / 53																				3	23		
2 / 51																				1	24		
5 / 49																				1	17		
4 / 47																					8		
4 / 45																					1		
4 / 43																					5		
TOTAL	1.3	7.3	18.5	18.9	20.8	13.3	9.3	5.9	2.7	.7	.9	.3						899	899	899	899		
Element (X)	Σx ²			Σx																			

ALPACAL CLIMATOLOGY BRANCH
AFETAC
AIR LEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7233.6 COLUMBUS AFB MS

69-70.73-80

SEP

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point
1 L / 89													.3	.1	.1			5	5	
2 / 97									.1		.2	.4	.4	.2				13	13	
3 / 95									.1	.6	.4	.8	.1	.2				20	21	
4 / 93								.3	.8	.9	.4	.6	.1					28	28	
5 / 91							.3	1.3	2.2	1.3	.7							53	53	
6 / 89						.2	2.7	3.7	2.1	.6								83	83	
7 / 87					.2	1.9	3.0	1.6	.6	.6								70	70	
8 / 85				.1	1.4	3.3	1.6	1.0	1.2	.3	.1							82	82	
9 / 83				.7	1.6	2.6	1.3	.9	.8	.4	.1							75	75	
10 / 81			.2	.8	2.7	1.6	2.1	1.8	.9	.1								91	91	2
11 / 79			.4	1.9	2.3	2.1	1.9	1.2	.7	.1	.1							97	97	21
12 / 77		.3	.3	1.6	1.3	.9	1.0	.6	.3	.6								62	62	108
13 / 75	.1		.6	1.7	1.4	.9	.8	.8	.4									60	60	167
14 / 73	.1	.8	.7	1.3	.4	.2	.2	1.4										47	47	139
15 / 71	.1	.7	1.0	.6	.1	.2	.9	.2										34	34	104
16 / 69	.1	.4	1.2	.2		.3	.3											24	24	98
17 / 67	.2	.6	1.0	.1	.1	.1	.2	.2										23	23	89
18 / 65	.1		.1	.3	.6		.1											11	11	52
19 / 63			.1	.1	.2													4	4	30
20 / 61	.2	.4	.2	.1	.1													10	10	25
21 / 59		.1																1	1	39
22 / 57		.7																6	6	14
23 / 55																				8
24 / 53																				3
25 / 51																				
26 / 49																				17
27 / 47																				22
28 / 45																				10
29 / 43																				3
30 / 41																				2
TOTAL	1.0	4.0	5.9	9.5	12.6	14.3	16.5	15.0	10.2	5.5	2.1	1.8	1.0	.6	.1			899	900	899
Element (X)	Σ X ²		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X	
Rel. Hum.	3366383		53337		59.3		14.996		899		± 0 F		± 32 F		± 67 F		± 73 F		± 80 F	
Dry Bulb	6080698		73624		81.8		8.027		900						86.8		78.7		57.3	
Wet Bulb	4563681		63857		71.0		5.568		899						72.9		43.7		.6	
Dew Point	3886363		58791		65.4		6.812		899						47.5		9.9			

PSYCHROMETRIC SUMMARY

7233.6 COLUMBUS AFB MS

69-70, 73-80

SEP

PAGE 1

1500-1700
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

SEP
MONTH

2100-2300
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

SEP
MONTH

ALL
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

OCT
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
79 / 79			.1	.1														2	2					
77 / 77			.1															1	1					
76 / 75			.2															2	2	2				
74 / 73			.4															4	4	2	2			
71 / 71	.1	1.3	.3	.1														17	17	9	6			
7 / 69	.5	1.4	1.8	.3	.2													40	40	18	14			
6 / 67	.8	3.1	1.6	1.6	.1													67	67	29	29			
6 / 65	.2	2.8	1.8	.9	.1													54	54	51	32			
4 / 63	.5	2.4	1.6	.3	.1	.1												47	47	44	41			
2 / 61	.8	2.9	1.5	.6														54	54	70	40			
/ 59		3.2	1.6	.5		.1												51	51	49	53			
/ 57		2.8	2.4	.6	.1													55	55	50	65			
5 / 55		5.1	1.9	1.2	.2													78	78	58	48			
4 / 53		4.1	2.5	.6	.5													72	72	72	60			
2 / 51	.2	3.3	3.1	.5														67	67	59	62			
5 / 49	.1	5.2	2.6	.6														79	79	72	61			
/ 47		3.4	2.0	.9														59	59	82	52			
4 / 45	.1	3.7	1.5	.4														53	53	65	75			
4 / 43	.1	4.1	1.5															53	53	65	61			
2 / 41	.1	2.6	1.2	.1														37	37	53	72			
4 / 39		1.2	.9	.1														20	20	38	42			
3 / 37	.1	1.3	.2															15	15	26	42			
/ 35	.2	.1																3	3	14	45			
3 / 33																				2	15			
/ 31																					9			
/ 29																					1			
2 / 27																					3			
17-14	3.9	53.9	31.0	9.7	1.4	.2													930		930			
																		930		930				
Element (X)	Σ x²		Σ x		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.	6665977		78295		84.2		8.953		930		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb	2904927		51297		55.2		9.014		930						13.3		.9		.1				93	
Wet Bulb	2651693		48953		52.6		8.980		930						6.0		.4						93	
Dew Point	2452083		46883		50.4		9.767		930						1.3		5.1		.2				93	

PSYCHROMETRIC SUMMARY

123306 COLUMBUS AFB MS
STATION STATION NAME

69-70, 73-80

YEARS

OCT
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

[illegible]

U.S. SAFETY FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7213.6 COLUMBUS AFB MS 69-70,73-80 OCT
STATION STATION NAME YEARS MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
79					.1													1	1						
77				.1														1	1						
75			.1															1	1						
73			.1	.1														2	2	3					
71	.2	1.1	.4	.1														17	17	8	8				
69	1.3	1.8	1.3	.8	.1													46	46	17	15				
67	.2	2.0	2.0	.1														41	41	33	22				
65	.1	2.0	2.3	.6	.4													51	51	34	25				
63	.5	2.8	2.0	.6	.1	.1												58	58	40	38				
61	1.1	3.0	1.9	1.1	.3													69	69	72	50				
59	.4	3.3	2.2	.9	.2													65	65	60	60				
57	.1	2.7	2.6	.6	.2													58	58	57	45				
55		2.9	1.4	1.3	.2													54	54	59	51				
53		3.1	2.3	.8	.2													59	59	56	51				
51	.1	2.6	3.2	.9	.2													65	65	56	62				
49	.5	2.6	3.1	.6														64	64	62	58				
47	.2	4.3	2.3	1.3														75	75	68	50				
45	.2	3.9	1.7	.2														56	56	82	66				
43		2.5	1.7	.1														40	40	55	69				
41	.4	2.6	.6															34	34	53	57				
39	.2	2.9	.8															36	36	44	51				
37		2.2	.1															21	21	36	60				
35		1.1	.2															12	12	18	43				
33		.3																3	3	13	26				
31																				3	14				
29																					4				
27																					2				
25																					2				
TOTAL	5.44	2.73	2.4	10.2	2.2	.1												929	929	929	929				
Element (X)	Σ x²		Σ x		Σ	Σ	No. Obs.		Mean No. of Hours with Temperature																
Rel. Hum.	6557269		77575		83.5	9.254	929		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb	2848791		50701		54.6	9.385	929				10.9	.5	.1		93										
Wet Bulb	2588803		48271		52.0	9.321	929			.3	6.1	.3			93										
Dew Point	2380842		46084		49.6	10.107	929			2.2	4.5				93										

2
1
JUN 71
USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AIR FORCE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1233 8 COLUMBUS AFB MS 69-70,73-80 OCT
STATION STATION NAME YEARS MONTH
PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
8 / 81						.1				.1								2	2				
7 / 82					.1	.4	.3	.2	.1									11	11				
6 / 81					.3	.4	.2	.4	.1									14	14				
5 / 79				.4	.5	1.7	.6	.3	.1	.2								37	37				
7 / 77			.1	.1	1.5	.5	1.3	.4	.1			.1						39	39				
6 / 75		.2	.8	1.1	1.3	2.0	.6	.5	.2	.2								65	65	3			
4 / 77		.3	.1	1.0	1.0	1.1	1.1	.6	.4	.1								53	53	15	2		
3 / 71		.2	1.5	.3	1.1	1.9	1.2	1.0	.4		.1							72	72	33	13		
1 / 69	.3	.6	1.2	1.6	1.4	1.1	.9	.5	.2									73	73	56	23		
4 / 67		.5	1.6	1.0	1.1	1.1	.8	1.0	.8	.1								73	73	58	29		
6 / 65		.9	2.4	1.3	1.4	.4	1.8	.9	.1									85	85	58	49		
4 / 53	.6	1.1	.9	1.7	.6	1.5	1.8	.6	.1									84	84	77	42		
3 / 61		.9	1.6	1.2	1.0	1.7	.8	.3										69	69	90	57		
2 / 59	.3	.4	.9	.3	1.8	1.8	.4	.2										58	58	76	61		
5 / 57		.4	1.1	1.2	2.0	1.3	.6											62	62	75	56		
5 / 55		.5	.4	1.3	1.8	.8	.3											48	48	56	69		
4 / 53		.3	.6	1.0	.9	.6												32	32	69	55		
2 / 51		.1	.6	.6	1.2													24	24	81	46		
5 / 47		.2	.8	.9	.2													19	19	69	44		
4 / 47			.2	.4														6	6	49	40		
4 / 45			.1	.2														3	3	35	57		
4 / 43																				22	52		
12 / 41				.1														1	1	6	65		
4 / 34																				1	58		
3 / 37																					26		
2 / 35																					34		
3 / 33																					20		
2 / 31																					9		
1 / 29																					3		
TOTAL	1.3	6.9	14.8	15.7	19.2	18.6	12.8	7.1	2.7	.8	.1	.1						930	930	930	930		
Element (X)	Σ X ²		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		
Rel. Hum.	3873802		58166		62.5		15.934		930		± 0 F		± 32 F		± 67 F		± 73 F		± 80 F		± 93 F		
Dry Bulb	4109850		61334		66.0		8.354		930						43.9		22.1		4.6				
Wet Bulb	3213306		54170		58.2		7.905		930						16.5		1.8						
Dew Point	2612896		48370		52.0		10.225		930				1.2		6.7		.2						

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

72-304	COLUMBUS AFB MS
STATION	STATION NAME

69-72, 73-80

YEARS

OCT
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
70 F	.	2.5	4.4	5.5	6.1	11.9	16.9	17.8	16.9	9.0	2.5	1.2	.5					930	930	930	930
	</																				

PSYCHROMETRIC SUMMARY

7233.5
STATION

COLUMBUS AFB MS

69-70, 73-80

OCT

PAGE 1

1500-1700
HOURS (C. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb		Dew Point		
1 / 89							.1											1	1				
6 / 87						.1	.1		.1	.2	.1	.1						7	7				
6 / 85						.3	.2	1.0	1.2	.2								27	27				
4 / 83					.1	.2	.9	.8	1.2	.3	.2	.2		.1				37	37				
1 / 81					.2	1.5	.1	1.3	1.6	.8	.3	.1						55	55				
1 / 79				.1	.4	1.2	1.1	1.7	1.5	1.6	.4	.1						76	76				
7 / 77		.1	.2		1.2	.9	1.8	1.0	1.2	1.1	.4	.2						75	75	2			
6 / 75		.4	.4	.4	.9	1.2	1.3	1.6	1.5	.9	.6	.1	.1					84	84	8			
4 / 73		.2	.5	.4	.4	1.8	1.1	1.7	1.0	.9	.3							78	78	12			
1 / 71	.1	.8	.8	.3	.5	.9	1.0	1.4	1.1	1.3	.3	.1						79	79	59			
1 / 69			1.2	.5	1.1	.8	.9	1.9	1.2	.4								74	74	51			
6 / 67	.1	.3	.6	.8	.8	.8	.4	2.0	1.2	.6								71	71	64			
6 / 65	.3	.1	1.1	.6	.6	.2	1.7	1.5	1.7									74	74	93			
4 / 63		.6	.3	.6	.5	1.0	1.5	.9	.5									56	56	90			
1 / 61		.2	.3	.6	.1	.8	1.1	1.0	.2									40	40	84			
1 / 59	.6	.2	1.1	.4	.2	.3	.8	.1										35	35	88			
1 / 57		.1	.6	.1		.4	.4											16	16	62			
5 / 55			.5	.2	.1	.5	.1											14	14	79			
4 / 53		.1	.5	.4	.4	.2												16	16	80			
2 / 51			.1	.2	.2	.1												6	6	62			
5 / 49			.4	.1	.2													7	7	40			
1 / 47		.1																1	1	33			
4 / 45		.1																1	1	16			
4 / 43																				7			
2 / 41																							
4 / 39																							
3 / 37																							
1 / 35																							
3 / 33																							
1 / 31																							
1 / 29																							
2 / 27																							
TOTAL	1.2	3.0	3.8	6.0	8.1	13.1	14.5	17.8	15.2	8.3	2.8	1.0	.1	.1				930	930	930			
Element (X)	Σx²																						

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1

[illegible]

PSYCHROMETRIC SUMMARY

7233JA COLUMBUS AFB MS

69-70, 73-80

OCT

STATION

STATION NAME

YEARS

MON T M

PAGE 2

ALL

ALL
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7233.6 COLUMBUS AFB MS

69-70, 73-80

NOV

MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
72 / 71			.7	.3													9	9		
71 / 69			.7	.2													9	8		
69 / 67		.1	1.1														11	11	6	2
67 / 65		.9	1.3	.1													21	21	13	5
65 / 63		1.0	1.0	.4	.1												23	23	20	13
63 / 61	.1	.9	.8	.2													18	18	20	24
61 / 59	.1	3.3	2.3														52	52	29	17
59 / 57	.4	1.9	.9		.1	.2											32	32	45	33
57 / 55	.3	2.6	1.4	.6													44	44	40	41
55 / 53	.4	1.6	1.2	.4	.4	.1											38	38	31	40
53 / 51	.6	3.9	1.7	.2	.4	.1											62	62	45	38
51 / 49		2.7	2.1			.2											45	45	51	41
49 / 47		2.9	2.0														44	44	44	38
47 / 45	.1	3.3	1.2	.1													43	43	46	43
45 / 43	.2	2.3	1.6	.7													43	43	53	41
43 / 41	.8	4.2	3.2	.8													81	84	49	48
41 / 39	.3	5.1	1.8	.1	.1												67	67	67	51
39 / 37	.1	4.0	1.2	.1	.1												50	50	79	50
37 / 35	.1	4.0	.2	.3	.1												43	43	46	67
35 / 33	.3	3.3	1.2	.1													45	45	49	55
33 / 31	.4	3.8	.9														46	46	45	66
31 / 29	.2	2.9	.2														30	30	48	43
29 / 27		1.8															16	16	34	33
27 / 25		1.2															11	11	14	29
25 / 23	.1	.2															3	3	10	27
23 / 21	.1	.2															3	3	3	18
21 / 19	.3	.3															6	6	4	14
19 / 17		.1	.1														2	2	3	9
17 / 15		.1															1	1	2	6
15 / 13																			1	2
13 / 11																				2
11 / 9																				1
9 / 7																				1
TOTAL	5.2	58.9	29.0	4.8	1.4	.7											897	900	897	897
Element (X)	Σ x ²		Σ x		Σ	Σ	No. Obs.		Mean No. of Hours with Temperature											
Rel. Hum.	6213618		74130		82.6	9.874	897		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total					
Dry Bulb	1983467		41001		45.6	1.340	900			11.8	2.8				90					
Wet Bulb	1786642		38802		43.3	0.987	897			16.5	.6				90					
Dew Point	1595959		36305		40.5	1.885	897			25.1	.2				90					

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7233 6 COLUMBUS AFB MS

69-70.73-80

NOV

PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
71			.3															3	3				
69		.3	.3															10	10	1			
67		.2	1.3															14	14	6	4		
65		1.7	.8	.2														24	24	9	3		
63	.1	.8	1.8	.8														31	31	29	17		
61	.1	1.1	1.5	.3														27	27	17	24		
59	.1	1.5	1.7		.2													31	31	33	15		
57	.3	2.5	1.8	.1	.2	.1	.2											47	47	32	35		
55	.3	2.3	1.7	.2	.1	.1												37	37	47	35		
53	.1	2.2	1.9	.4	.2													44	44	34	40		
51	.4	3.2	1.9	.7	.2	.1												59	59	44	43		
49	.3	2.1	2.0	.3	.3	.1												47	47	52	39		
47		3.8	2.3	.6														60	60	44	38		
45	.1	2.7	.7	.6														36	36	66	44		
43		2.6	2.6	.7														52	52	43	41		
41	.6	2.7	2.5	.3														54	57	50	54		
39	.8	3.7	2.7	.7	.1													71	71	64	47		
37	.3	4.4	2.0	.2														62	62	62	49		
35	.1	3.2	.9		.1													39	39	68	63		
33	.1	2.6	.9	.2														34	34	45	50		
31	.9	3.2	.7															43	43	46	70		
29	.1	2.6	.6															29	29	33	50		
27	.1	2.1																20	20	34	25		
25		.6	.1															6	6	16	30		
23		.6																5	5	6	33		
21	.2	.3																5	5	7	16		
19		.1	.1															2	2	3	11		
17	.2																	2	2	2	5		
15		.2																2	2	1	6		
13																				2	6		
7																					1		
5																					2		
TOTAL	553.2	32.7	6.4	1.6	.4	.2												896	899	896	896		
Element (X)	Σ ₁		Σ ₂		Σ	Σ ₂	Σ ₂		Σ ₂		Σ ₂		Σ ₂		Σ ₂		Σ ₂		Σ ₂		Σ ₂		
Rel. Hum.	6051551		73061		81.5	10.252		896		896		896		896		896		896		896		896	
Dry Bulb	2017966		41366		46.0	1.291		899		899		899		899		899		899		899		899	
Wet Bulb	1807775		39033		43.6	0.952		896		896		896		896		896		896		896		896	
Dew Point	1601582		36340		40.6	1.945		896		896		896		896		896		896		896		896	

USAFETAC FORM 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

7234 COLUMBUS AFB MS
STATION STATION NAME

69-70, 73-80

YEARS

NOV
MONTH

PAGE 2

0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
1 / 11																					5	
1 / 2																					1	
/ 5																					2	
/ 3																					1	
TAL	1.6	13.9	22.5	23.0	18.5	10.1	6.1	3.1	1.0	.1								897	899	897	897	
																				</		

PSYCHROMETRIC SUMMARY

723356
STATION

COLUMBUS AFB MS

69-70, 73-80

NOV

PAGE 1 1200-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

123304 COLUMBUS AFB MS
STATION STATION NAME

69-73, 73-80

YEARS

NOV
MONTH

PAGE 2

1200-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

1233.6 COLUMBUS AFB MS
STATION STATION NAME

69-70, 73-80

YEARS

NOV
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

72306 COLUMBUS AFB MS
STATION STATION NAME

69-72, 73-80

YEARS

NOV
MONTH

PAGE 2

1500-1700
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12/3/69 COLUMBUS AFB MS

69-70, 73-80

NOV
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
76 / 75					.1		.1											2	2		
74 / 73				.1	.2	.2		.1										6	6		
72 / 71		.1	.1	.8	.4	.2												15	15		
70 / 69		.3	.7	.3	.9	.3												23	23	1	
68 / 67		.2	1.3	1.3	.6													31	31	12	3
66 / 65	.1	1.3	1.2	1.6	.3	.1	.2	.3										47	47	22	5
64 / 63	.1	1.4	.9	2.0	.2	.2	.1											45	45	31	22
62 / 61		.6	1.8	1.7	1.2	.6	.1											53	53	52	31
60 / 59		1.7	2.3	1.2	.6	.6		.1										58	58	41	29
58 / 57	.2	.8	1.4	2.1	1.2	.2	.6											59	59	50	41
56 / 55		1.4	.6	1.1	1.9	.7	.1											52	52	51	48
54 / 53	.3	1.0	.9	1.6	1.6	.8												55	55	49	49
52 / 51		1.1	2.3	2.2	1.4	.2												66	66	44	49
50 / 49	.2	2.1	2.7	2.8	1.0	.4												83	83	59	25
48 / 47	.1	.8	2.0	2.5	.9	.1												57	57	71	44
46 / 45		1.1	2.0	2.2	.6	.4												57	57	77	45
44 / 43		1.0	1.9	1.7	.6													46	46	75	45
42 / 41		.2	1.7	1.9	.3	.1												38	41	51	63
40 / 39	.3	.6	1.3	1.6		.1												35	35	51	62
38 / 37		.1	1.6	.1	.1													17	17	44	61
36 / 35		.3	1.2	.1														15	15	39	49
34 / 33		.2	1.0	.2														13	13	29	36
32 / 31		.6	.4															9	9	15	52
30 / 29	.1	.2		.1														4	4	14	23
28 / 27	.2		.1	.3														6	6	9	51
26 / 25		.2	.2															4	4	2	21
24 / 23		.1																1	1	5	14
22 / 21																				3	10
20 / 19																					6
18 / 17																					2
16 / 15																					2
14 / 13																					1
12 / 11																					4
10 / 7																					4
Element (X)	Σ X²		Σ X		X	σ _n		No. Obs.		Mean No. of Hours with Temperature											
Ref. Num.										≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

120300 COLUMBUS AFB MS
STATION STATION NAME

69-72, 73-80

YEARS

NOV
MONTH

PAGE 2 1600-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
71.4	1.5	17.6	29.8	29.5	14.2	5.4	1.2	.6										897	900	897	897	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7233 A COLUMBUS AFB MS

69-70, 73-80

NOV
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
74 / 72				.1	.3													4	4		
73 / 71		.3	.4	.8														14	14		
72 / 69				.1	.3													8	8	3	
71 / 67			.7	.7	.3													15	15	10	3
70 / 65		1.1	1.0	1.0	.1		.1	.1										31	31	9	2
69 / 63	.1	1.8	1.6	.9	.1													40	40	21	14
68 / 61	.2	1.3	1.7	1.0	.3													41	41	44	28
67 / 59	.1	1.8	1.6	.9	.2													41	41	35	32
66 / 57	.1	1.1	1.6	1.1	.9	.1												44	44	39	39
65 / 55	.2	2.3	2.0	1.1	.7													57	57	42	36
64 / 53	.6	2.2	1.6	1.1	.1	.6												55	55	59	36
63 / 51	.1	1.0	1.2	.6	.6	.1												32	32	40	57
62 / 49	.3	2.3	2.3	1.0	.7													60	60	48	39
61 / 47	.2	2.8	2.2	1.7	.3	.1												66	66	51	42
60 / 45	.3	3.5	3.9	1.3	.7													87	87	55	39
59 / 43		1.2	3.8	.7	.3													54	54	75	41
58 / 41		1.7	2.1	1.9	.3	.1												55	58	72	57
48 / 39	.1	2.1	2.2	1.0	.2													51	51	57	43
73 / 37	.1	2.0	1.3	.6														36	36	65	77
72 / 35	.2	1.7	1.8															33	33	44	56
73 / 33		.9	1.7															23	23	44	52
72 / 31		1.1	.7															16	16	30	52
71 / 29		1.7	.4															19	19	22	25
70 / 27	.1		.3															4	4	17	35
69 / 25	.1	.1		.2														4	4	5	44
68 / 23		.1	.2															3	3	2	16
67 / 21	.2																	2	2	3	16
66 / 19		.2																2	2	5	6
65 / 17																					3
64 / 15																					1
63 / 13																					2
62 / 11																					1
61 / 9																					3
Element (X)	Σ X ²		Σ X		X	Σ X		X		No. Obs.		Mean No. of Hours with Temperature									
Rel. Hum.												≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Dry Bulb																					
Wet Bulb																					
Dew Point																					

PSYCHROMETRIC SUMMARY

723346
STATION

COLUMBUS AFB MS
STATION NAME

69-72, 73-80

YEARS

NOV
MONTH

PAGE 2

2100-2300
HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

7233.6 COLUMBUS AFB MS

69-70, 73-80

NOV

MONTH

PAGE 1

ALL

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

12.3.8	COLUMBUS AFB MS
STATION	STATION NAME

69-7C, 73-AC

YEARS

NOV
MONTH

PAGE 2

ALL
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12-3-6 COLUMBUS AFB MS

69-70, 73-80

DEC

PAGE 1

0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
74 / 73			.1															1	1	
73 / 71			.2	.3														5	5	
72 / 69			.1	.1														2	2	3
67 / 67			.2															2	2	3
66 / 65		.6	.3	.5														14	14	5
64 / 63		.9	.6	.3														17	17	4
62 / 61		.8	.9	.2														17	17	12
61 / 59		.9	.9	.5														21	21	12
57 / 57		1.1	1.3	.2	.1	.2												27	27	14
55 / 55		1.3	1.0	.3		.1												25	25	23
53 / 53	.2	1.3	.9	.5	.8	.1												35	35	20
52 / 51	.2	.9	1.6	1.3	.8	.1	.1											46	46	35
50 / 49		1.7	1.5	.5	.3													38	38	16
47 / 47	.1	1.8	1.1	.8	.3													38	38	20
46 / 45	.1	2.6	1.4	.4	.4	.1												47	47	33
44 / 43	.1	2.2	2.5	.8	.4													55	55	33
42 / 41	.3	.9	3.7	.9	.4													57	57	41
40 / 39	.2	1.7	2.6	.8	.4													53	53	41
37 / 37	.1	2.0	1.8	1.1	.3													50	50	38
35 / 35		3.3	2.2	.5														56	56	56
33 / 33		5.1	2.4	.2														71	71	32
31 / 31		4.9	2.5	.6														75	75	80
29 / 29	.5	5.4	1.6	.1														71	71	63
27 / 27	.1	2.4	1.8	.2														42	42	61
25 / 25		2.5	1.9															41	41	64
23 / 23		.4	.3															7	7	51
21 / 21		.8	.2															9	9	54
19 / 19		.6																6	6	31
17 / 17	.1	.1																2	2	30
15 / 15																				33
13 / 13																				13
11 / 11																				8
9 / 9																				8
7 / 7																				1
Element (X)	Σ X ²		Σ X		Σ	Σ	Σ	Σ	No. Obs.		Mean No. of Hours with Temperature									
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Dry Bulb																				
Wet Bulb																				
Dew Point																				

PSYCHROMETRIC SUMMARY

72-3-6
STATION

COLUMBUS AFB MS

69-70, 73-80

DE 2

PAGE 2

0000-0200
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

<u>7203.6</u>	<u>COLUMBUS AFB MS</u>
STATION	STATION NAME

69-70, 73-80

YEARS

DEC

DEC
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
74 / 73			.2		.2													4	4					
73 / 71			.1		.1													2	2					
72 / 69				.1														1	1	3				
71 / 67			.2															2	2	3				
70 / 65		.4	.6															10	10	3				
74 / 63		.5	.1															0	6	1				
72 / 61		1.1	1.0															17	19	10				
71 / 59		1.0	1.3	.1														22	22	11				
70 / 57		2.0	1.2	.2														32	32	17				
69 / 55	.1	1.1	.3		.1													15	15	25				
68 / 53	.1	1.4	1.3	.1	.1													28	28	23				
67 / 51	.3	.9	.6	.1		.2	.1											29	28	21				
66 / 49		1.4	2.5	.3	.3													42	42	21				
65 / 47		1.9	1.8	.3	.3													41	41	19				
64 / 45		2.4	1.6	.3	.1													41	41	27				
64 / 43	.1	3.1	1.9	.9	.6	.1												63	63	25				
63 / 41	.3	1.4	2.4	.9	.4													50	50	51				
62 / 40	.3	2.3	1.4	.3	.1													41	41	42				
61 / 37	.2	2.6	1.9	.5	.2													51	51	37				
60 / 35	.1	3.3	2.4	.4														56	58	38				
59 / 33		5.0	1.9															64	64	35				
58 / 31		6.2	2.6	.6														88	88	72				
57 / 29	.3	4.7	1.1															57	57	70				
56 / 27	.9	4.5	.8															57	57	64				
55 / 25	.3	3.7	1.5															51	52	69				
54 / 23		2.0	.4															23	23	51				
52 / 21		1.4	.4															17	17	51				
51 / 19		1.1																10	10	50				
50 / 17		.6																5	6	24				
49 / 15																			4	33				
48 / 13																				18				
47 / 11																				11				
46 / 9																				10				
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 86 F		≥ 93 F		Total	
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

DEC
MONTH

0300-0500
H0103 (1-3-7)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722306 COLUMBUS AFB MS 69-70, 73-80 YEARS DEC
STATION MONTH
PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
74 / 73			.2	.1																											3	3			
73 / 71			.1																												1	1			
72 / 69			.1																												1	1	2		
67 / 67			.2			.1																									3	3	2	3	
66 / 65		.2	.3																												5	5	1	1	
64 / 63		.2	.2	.1		.1																									6	6	5	4	
62 / 61		1.6	.1	.1	.1																										18	18	7	2	
57 / 59		2.0	1.4		.1																										33	33	16	10	
57 / 57		1.2	1.0	.1																											21	21	24	21	
55 / 55		1.4	.4	.1																											18	18	28	17	
54 / 53	.2	1.4	.6																												21	21	22	27	
52 / 51	.1	1.0	1.3			.3																									25	25	21	23	
51 / 49		1.7	2.4	.2		.1																									41	41	23	19	
47 / 47	.1	2.3	1.0	.4	.5																										40	40	28	24	
47 / 45		2.6	1.0	.8	.1																										41	41	37	21	
47 / 43		3.0	1.8	.9	.3																										56	56	43	40	
42 / 41		1.7	3.1	.6	.3																										54	54	42	28	
41 / 39	.4	2.2	3.5	.3	.3																										63	63	56	42	
37 / 37	.2	2.3	1.7	.3																											42	42	66	28	
37 / 35	.3	4.1	1.6	.5																											61	61	54	43	
33 / 33		4.9	2.4	.5																											73	73	70	53	
32 / 31	.2	5.7	1.9	.2																											75	75	66	74	
29 / 29	.5	4.0	1.7																												58	58	81	81	
27 / 27	.9	4.7	.9																												60	60	76	55	
25 / 25	.3	3.4	.6																												41	41	59	68	
23 / 23		1.5	.6																												20	20	35	50	
22 / 21	.2	2.6	.2																												28	28	25	40	
19 / 19		1.5																													14	14	23	58	
17 / 17		.6																													6	6	13	30	
15 / 15		.2																													2	2	4	25	
13 / 13																																		1	17
11 / 11																																			16
9 / 9																																			6
7 / 7																																			3
Element (X)	Σ X ²			Σ X			Σ	Σ	No. Obs.			Mean No. of Hours with Temperature										Total													
Rel. Hum.												≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																		
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

PSYCHROMETRIC SUMMARY

7236	COLUMBUS AFB MS
STATION	STATION NAME

69-72, 73-80

YEARS

DEC
MONTH

PAGE 1

0900-1100
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

12-306	COLUMBUS AFB MS
STATION	STATION NAME

69-70, 73-80

YEARS

DEC
MONTH

PAGE 2

C900-1100
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7233-6 COLUMBUS AFB MS

69-70, 73-80

DEC
MONTH

PAGE 1

1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
4 / 83								.1										1	1					
7 / 77					.3		.2											5	5					
76 / 75						.4	.2											6	6					
74 / 73				.3	.4	1.0	.5	.2										23	23					
72 / 71				.1	1.1	.6	.2				.1							20	20	1				
7 / 69			.1	.4	.3	.5	.3	.1	.1	.1								19	19	4				
6 / 67			.2	.9	.1	.4	.5	.3	.1	.2								26	26	5	1			
66 / 65			.2	.1	.6	.6	.2	.2	.6									25	25	12	2			
64 / 63	.1	.3	.8	.1	.5	.2	.5	.9	.5	.2	.2							41	41	32	7			
61 / 61		.6	.2	.4	.4	.6	.8	1.0	.4	.1								43	43	29	13			
59 / 59		.8	.6	.3	.3	1.2	.9	1.1	.3									51	51	25	20			
57 / 57		.4	.2	.4	.8	1.0	.6	.9	.3									43	43	21	37			
55 / 55		.4	.2	.5	.8	.8	1.2	.6										42	42	32	15			
53 / 53	.3	.3	.9	1.1	1.3	2.0	1.6	.5										75	75	20	25			
51 / 51		.3	1.4	.5	1.6	1.7	1.5	.3										69	69	35	20			
49 / 49		.5	.5	1.2	2.3	1.3	1.2	.3										68	68	65	22			
47 / 47		1.3	1.3	1.5	2.4	1.3	1.2											83	83	64	19			
46 / 46	.1	.6	1.3	1.9	1.2	1.3	.6											66	66	64	28			
44 / 43		.5	2.2	.8	.9	.6	.3											49	49	92	38			
42 / 41		.9	.6	.4	1.4	.8												38	38	97	44			
40 / 39	.3	.5	1.1	.6	1.5	.2												40	40	93	45			
37 / 37	.3	.6	.8	.6	.8	.4												33	33	54	34			
35 / 35		.3	.6	.9	.5													22	22	52	74			
33 / 33		.1	.1	.5	.4													11	11	49	54			
31 / 31		.3	.3	.6	.3													15	15	24	81			
29 / 29			.6	.3														9	9	21	60			
27 / 27			.1	.1														2	2	17	44			
25 / 25			.1															1	1	11	32			
23 / 23			.1															1	1	8	20			
21 / 21		.1	.1															2	2	1	40			
19 / 19																				2	52			
17 / 17																					26			
15 / 15																					30			
Element (X)	ΣX ²		ΣX		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1233 / COLUMBUS AFB MS

69-70,73-80

DEC
MONTH

PAGE 1

1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
4 / 83									.1									1	1		
7 / 79							.2											2	2		
7 / 77					.1			.2										3	3		
7 / 75					.1	.4	.2											7	7		
7 / 73				.1	.2	.9	.1	.1										13	13		
7 / 71				.2	.4	.9	.2			.1								17	17		
7 / 69		.1		.6	.9	.9	.2	.4	.2	.1								32	32	3	
7 / 67		.1	.3	.6	.4	.4	.1	.3	.3	.3								28	28	5	
6 / 65	.1	.1	.1	.2	.2		.2	.1	.2	.1								13	13	14	6
6 / 63		.3	.8	.2	1.0	.1	.9	.4	.5	.2	.1							42	42	27	1
6 / 61		.8	.2	.8	.3	1.0	.5	.6	.4	.2								45	45	32	12
6 / 59		.1	.3	.4		1.3	.8	1.0	.4	.1								41	41	22	28
5 / 57		.3	.6	.6	1.0	.6	1.2	.8	.2									50	50	16	21
5 / 55		.5	.5	1.1	.9	1.4	.4	.9	.1									54	54	29	23
4 / 53	.2	.9	.6	.6	1.3	1.5	2.2	.2	.1									71	71	32	21
4 / 51		.2	1.2	1.5	1.1	1.7	1.8	.6										76	76	48	27
4 / 49		.8	1.0	1.0	1.8	1.5	1.5											70	70	53	33
4 / 47		1.1	1.5	1.8	1.2	2.2	1.1											82	82	61	11
4 / 45		.5	.9	1.6	.9	1.7	.3											55	55	80	23
4 / 43		.4	1.8	.6	1.1	.5	.2											44	44	69	33
4 / 41		.6	1.7	.9	1.3	.5												47	47	100	60
4 / 39		.8	.8	.3	1.1	.5												32	32	89	43
3 / 37	.2	.8	1.2	.6	1.0	.5												40	40	70	46
3 / 35		.3	.3	.5	1.4													24	24	50	63
3 / 33		.2	.2	.4	.3													11	11	33	55
3 / 31		.1	.4	.8	.3													15	15	28	68
2 / 29		.3	.4	.3														10	10	26	48
2 / 27				.2														2	2	22	47
2 / 25																				12	42
2 / 23			.2															2	2	5	19
2 / 21			.1															1	1	1	45
1 / 19																				2	53
1 / 17																				1	27
1 / 15																					26
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature								
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total		
Dry Bulb																					
Wet Bulb																					
Dew Point																					

PSYCHROMETRIC SUMMARY

<u>7233.6</u>	<u>COLUMBUS AFB MS</u>
STATION	STATION NAME

69-72, 73-80

YEARS

DEC
MONTH

PAGE 2

1500-1700
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

7233
STATION

COLUMBUS AFB MS
STATION NAME

69-70, 73-80

YEARS

DEC
MONTH

PAGE 2 1800-2000
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

69-70, 73-80

DEC
MONTH

PAGE 1 21CO-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
74 / 73			.1	.2														3	3					
73 / 71			.1															1	1					
72 / 69				.3														3	3	1				
69 / 67		.2	.3	.2	.6													13	13	3				
68 / 65		.3	.9	.3	.1													15	15	2				
64 / 63		.9	.9	.8	.1	.1												25	25	12				
62 / 61	.1	1.1	.2	.8	.2													22	22	23				
61 / 59	.2	1.2	1.2	.4	.1													29	29	27				
57 / 57		.9	.8	.3														18	18	22				
55 / 55		.4	.6	.6	.8	.3												26	26	25				
54 / 53		1.3	1.0	.6	1.4	.3												43	43	15				
52 / 51		.9	.6	1.2	.6	.1												32	32	21				
51 / 49		2.7	1.4	1.3	.5	.1												56	56	33				
49 / 47		1.2	1.8	.9	.6	.1												43	43	51				
47 / 45		.9	2.0	.9	1.1	.1												46	46	42				
44 / 43	.1	2.0	2.3	1.1	.1													52	52	53				
42 / 41	.1	1.0	2.8	1.8	.4													57	57	56				
41 / 39		2.5	3.5	1.8	.3													75	75	43				
39 / 37		2.6	3.8	1.0	.3													71	71	74				
37 / 35		3.1	2.5	.8														59	59	71				
35 / 33		3.7	2.6	1.0	.1													68	68	101				
32 / 31	.3	3.7	2.6	.9														69	69	61				
29 / 29		1.4	2.6	.1														38	38	56				
27 / 27		1.4	1.8	.1														31	31	49				
25 / 25		1.1	.9															17	17	46				
23 / 23		.3	.2															5	5	23				
22 / 21		.5	.1															6	6	6				
19 / 19		.1																1	1	7				
17 / 17		.1	.1															2	2	1				
15 / 15		.1																1	1	1				
13 / 13																				2				
11 / 11																				7				
9 / 9																				6				
7 / 7																				1				
Element (X)	Σ x²		Σ x		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

723306 COLUMBUS AFB MS
STATION STATION NAME

69-70, 73-80

YEARS

DEC
MONTH

PAGE 2 2100-2300
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7253.6
STATION

COLUMBUS AFB MS
STATION NAME

69-70, 73-80
YEARS

DEC
MONTH

PAGE 1

ALL
HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL										
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point												
4 / 83								.0	.0									2	2													
1 / 81							.0											1	1													
7 / 79							.0											2	2													
7 / 77				.0	.1	.0	.0	.0										10	10													
20 / 75				.0	.0	.1	.1											15	15													
24 / 73			.1	.2	.1	.2	.1	.0										56	56													
7 / 71			.1	.1	.3	.2	.1			.0	.0							55	55	2												
7 / 69		.0	.1	.3	.2	.2	.1	.1	.0	.0								73	73	20												
6 / 67		.0	.3	.3	.3	.1	.1	.1	.1	.1								99	99	22	14											
10 / 65	.0	.3	.4	.4	.1	.1	.1	.0	.1	.0								118	118	43	16											
14 / 63	.3	.6	.6	.3	.3	.1	.2	.2	.1	.1	.0							187	187	126	35											
12 / 61	.0	1.0	.6	.4	.3	.2	.2	.2	.1	.1								227	227	160	75											
1 / 59	.1	.8	.9	.3	.1	.3	.2	.3	.1	.0								240	240	171	149											
1 / 57	.0	.9	.8	.3	.4	.3	.3	.2	.1									239	239	160	170											
5 / 55	.0	.8	.6	.5	.6	.5	.3	.2	.0									258	258	219	165											
4 / 53	.2	1.0	.9	.6	.8	.7	.5	.1	.0									362	362	199	181											
2 / 51	.1	.8	1.2	.9	.8	.7	.5	.1										373	373	218	189											
5 / 49		1.3	1.7	1.0	1.0	.5	.4	.0										440	440	278	175											
1 / 47	.0	1.5	1.5	1.2	1.0	.6	.3											456	456	364	182											
4 / 45	.0	1.6	1.4	1.3	.8	.5	.1											427	427	444	220											
14 / 43	.3	1.7	2.1	1.5	.7	.3	.1											471	471	490	243											
12 / 41	.1	1.1	2.6	1.2	.9	.2												446	446	519	353											
4 / 39	.2	1.7	2.4	1.1	.7	.1												460	460	527	360											
3 / 37	.2	1.8	1.9	.9	.4	.1												400	400	580	311											
1 / 35	.1	2.2	1.7	.9	.4													390	390	481	465											
30 / 33		2.5	1.7	.6	.1													364	364	545	392											
12 / 31	.1	2.8	1.7	.7	.1													397	397	402	642											
7 / 29	.2	2.1	1.5	.2														292	292	427	515											
2 / 27	.2	1.7	.8	.2														220	220	366	429											
1 / 25	.1	1.4	.8	.0														168	169	293	431											
2 / 23		.5	.3															62	62	171	281											
2 / 21	.0	.7	.2															67	67	95	346											
1 / 19		.4	.0															35	35	63	362											
1 / 17	.0	.2	.0															18	18	33	202											
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature																Total			
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F														
Dry Bulb																																
Wet Bulb																																
Dew Point																																

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

7213.6	COLUMBUS AFB MS
STATION	STATION NAME

69-70, 73-81

YEARS

A11

MONTH

PAGE 1

414

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B./W.B.	TOTAL																		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	Dry Bulb	Wet Bulb	Dew Point																												
1 / 105														.0																1	1																	
1 / 103													.0	.0	.0															10	10																	
2 / 101											.0	.0	.0	.0	.0															31	31																	
3 / 99											.0	.0	.0	.0	.0	.0														72	72																	
4 / 97										.0	.0	.1	.0	.0	.0	.0	.0													179	179																	
5 / 95							.0	.0	.1	.1	.1	.0	.0	.0	.0															353	354																	
6 / 93						.0	.0	.1	.2	.2	.1	.0	.0																	626	626																	
7 / 91					.0	.0	.2	.3	.4	.2	.1	.0																		1091	1092																	
8 / 89				.0	.0	.1	.4	.7	.2	.1	.1	.0	.0																	1481	1481																	
9 / 87				.0	.1	.4	.6	.3	.2	.1	.1	.0	.0																	1590	1590																	
10 / 85			.3	.1	.4	.7	.4	.3	.2	.1	.0	.0	.0																	2003	2003		2															
11 / 83			.0	.3	.6	.5	.4	.3	.2	.1	.0	.0	.0	.0																2225	2225		37															
12 / 81		.0	.2	.6	.7	.5	.3	.3	.2	.1	.1	.0	.0	.0																2477	2477	210	13															
13 / 79		.1	.5	.9	.6	.5	.3	.3	.2	.1	.1	.0	.0																	3070	3070	1012	63															
14 / 77	.0	.3	1.0	1.0	.7	.3	.3	.2	.2	.1	.1	.0	.0																	3592	3593	2627	372															
15 / 75	.0	.9	1.6	1.0	.5	.3	.2	.2	.1	.1	.1	.0	.0																	4421	4421	4378	1450															
16 / 73	.1	1.3	1.8	.9	.3	.3	.2	.2	.1	.1	.1	.0																		4719	4720	5359	3289															
17 / 71	.1	1.6	1.8	.5	.4	.2	.2	.1	.2	.1	.0	.0																		4642	4642	5696	5373															
18 / 69	.2	1.1	1.6	.6	.4	.2	.2	.2	.2	.1	.0																			4154	4154	5746	6374															
19 / 67	.2	1.0	1.2	.5	.3	.2	.2	.2	.1	.1	.0																			3629	3629	4585	5365															
20 / 65	.2	1.4	.9	.5	.3	.2	.2	.2	.2	.0	.0																			3545	3545	4052	4660															
21 / 63	.2	1.2	.7	.5	.3	.3	.2	.2	.1	.0	.0																			3201	3201	3943	3926															
22 / 61	.2	1.2	.7	.5	.3	.2	.2	.2	.1	.0																				3150	3150	3749	3838															
23 / 59	.2	1.2	.9	.4	.3	.3	.2	.1	.0	.0																				3070	3071	3453	3552															
24 / 57	.1	1.0	.7	.4	.4	.3	.2	.1	.0																					2756	2757	3260	3286															
25 / 55	.1	1.0	.7	.4	.4	.3	.2	.1	.0																					2717	2717	3037	3053															
26 / 53	.1	.9	.7	.4	.4	.3	.2	.0	.0																					2635	2635	2981	2776															
27 / 51	.1	.8	.7	.5	.4	.2	.1	.0																						2515	2515	2798	2759															
28 / 49	.1	.9	.8	.5	.3	.2	.1	.0																						2618	2619	2915	2481															
29 / 47	.1	.9	.6	.6	.3	.2	.1	.0																						2471	2471	2991	2365															
30 / 45	.1	1.0	.7	.5	.3	.1	.0																							2393	2394	2976	2589															
31 / 43	.1	.8	.7	.5	.2	.1	.0																							2106	2108	2670	2411															
32 / 41	.1	.7	.7	.4	.2	.1	.0																							1947	1966	2594	2715															
33 / 39	.1	.8	.8	.4	.2	.0																								1984	1984	2429	2480															
Element (X)	Σ x²				Σ x				Σ				Σ x				No. Obs.				Mean No. of Hours with Temperature																											
Rel. Hum.																					≤ 0 F				≤ 32 F				≤ 67 F				≤ 73 F				≤ 80 F				≤ 93 F				Total			
Dry Bulb																																																
Wet Bulb																																																
Dew Point																																																

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

YEARS

ALL
MONTHS

PAGE 2

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point				
3 / 37	.1	.8	.6	.3	.2	.0												1818	1818	2376	2382			
3 / 35	.1	.8	.6	.3	.1													1635	1635	2101	2585			
3 / 33	.1	.7	.6	.2	.1													1406	1406	2026	2272			
3 / 31	.1	.8	.5	.2	.0													1473	1473	1535	2742			
3 / 29	.1	.6	.4	.1	.0													1096	1096	1608	2042			
3 / 27	.1	.5	.2	.1	.0													815	815	1307	1786			
3 / 25	.0	.4	.2	.0														635	636	1121	1747			
3 / 23	.0	.2	.1	.0														340	340	663	1070			
3 / 21	.0	.2	.1	.0														344	344	465	1215			
3 / 19	.0	.2	.1															257	257	372	1299			
3 / 17	.0	.1	.0															97	97	208	833			
3 / 15		.1	.0															59	59	108	660			
3 / 13		.0	.0															38	38	67	536			
3 / 11	.0	.0																13	13	36	434			
3 / 9		.0																12	12	10	292			
3 / 7		.0																7	7	13	171			
3 / 5	.0	.0																6	6	5	120			
3 / 3	.0	.0																7	7	11	95			
3 / 1	.0																	1	1	1	47			
3 / -1																					25			
3 / -3																					12			
3 / -5																					3			
3 / -7																					5			
TOTAL	2.9	25.8	23.8	14.0	9.5	7.1	5.7	4.6	3.3	1.9	.9	.3	.1	.0	.0			87563		87533				
																		87533		87533				

CLIMATE BRANCH
 AFSTAC
 AIRCRAFT SERVICE/4AC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

10-13 COLUMBUS AFB MS

69-70, 73-81

STATION		YEARS												
HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
-12	MEAN	37.6	41.2	53.7	57.5	64.2	73.9	74.3	73.0	67.8	55.2	47.2	41.1	56.8
	S D	11.9111	11.7541	10.453	8.605	6.787	5.261	3.573	3.657	6.787	9.014	10.948	11.298	15.452
	TOTAL OBS	930	846	930	900	918	900	930	930	900	930	900	930	10944
-13	MEAN	35.3	39.2	46.7	55.1	62.1	69.0	72.6	71.3	66.2	53.2	45.6	39.5	55.0
	S D	12.3121	11.8161	10.458	8.935	7.044	5.403	3.579	3.689	7.013	9.500	11.340	11.434	15.538
	TOTAL OBS	930	846	930	899	921	900	930	930	900	930	900	930	10946
-14	MEAN	35.3	38.8	49.1	57.4	65.6	72.9	76.0	73.9	67.9	54.6	46.0	39.1	56.5
	S D	12.3291	11.7691	10.270	8.637	7.116	5.572	4.550	4.559	7.416	9.385	11.291	11.325	16.745
	TOTAL OBS	930	846	930	900	925	900	930	930	900	929	899	930	10949
-11	MEAN	41.1	46.0	56.8	66.8	74.1	81.3	84.7	83.1	77.1	66.0	55.1	46.0	64.9
	S D	12.0661	12.1411	10.260	8.074	7.326	5.542	5.359	5.031	7.700	8.354	10.500	10.501	17.371
	TOTAL OBS	928	846	930	900	927	900	930	930	899	930	899	930	10949
1-14	MEAN	46.2	52.3	62.4	72.0	78.4	85.3	89.0	87.4	81.8	72.1	61.2	52.0	70.1
	S D	12.4521	12.7951	10.785	8.346	7.553	5.847	6.079	5.437	8.027	8.278	10.840	10.811	17.032
	TOTAL OBS	930	846	930	900	927	900	930	930	900	930	899	930	10952
1-17	MEAN	46.9	53.8	63.5	72.9	78.7	85.5	88.2	86.7	81.2	71.3	60.4	51.9	70.1
	S D	12.5541	12.7081	10.747	8.213	7.415	5.914	6.603	5.936	8.069	8.216	10.661	10.664	16.706
	TOTAL OBS	930	845	930	900	924	900	930	929	898	930	900	930	10946
1-21	MEAN	41.9	47.8	58.0	66.4	72.8	79.7	82.4	80.7	74.2	62.0	52.7	45.9	63.8
	S D	11.5071	11.3901	10.278	8.005	7.079	5.942	5.685	5.230	7.146	7.725	10.075	10.411	16.313
	TOTAL OBS	930	846	930	900	920	900	930	927	900	929	900	927	10939
1-23	MEAN	39.3	43.9	53.8	60.7	67.1	73.8	77.1	75.6	70.0	57.5	49.2	43.0	59.3
	S D	11.5371	11.2611	10.211	7.994	6.483	5.187	4.022	3.866	6.726	8.335	10.563	11.103	15.510
	TOTAL OBS	930	846	930	900	918	900	930	927	900	930	900	927	10938
ALL HOURS	MEAN	40.6	45.4	55.4	63.6	70.4	77.3	80.5	79.0	73.3	61.5	52.2	44.8	62.1
	S D	12.7161	13.0841	11.7331	10.548	9.334	8.247	7.811	7.613	9.400	11.159	12.261	11.935	17.304
	TOTAL OBS	7438	6767	7440	7199	7380	7200	7440	7433	7197	7438	7197	7434	87563

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

72.3 A COLUMBUS AFB MS

69-70,73-81

STATION	STATION NAME	YEARS											
HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
MEAN	35.1	38.2	47.1	53.9	61.4	67.9	71.3	69.9	65.6	52.6	44.5	35.2	53.9
S D	11.648	11.243	10.031	8.330	6.537	4.836	3.174	3.396	6.376	8.980	10.559	10.886	15.269
TOTAL OBS	930	846	930	900	918	900	930	930	900	930	897	930	10941
MEAN	34.2	36.8	45.7	52.3	60.0	66.6	70.2	68.8	64.4	51.1	43.3	37.0	52.6
S D	12.109	11.432	10.218	8.863	6.885	5.154	3.340	3.584	6.754	9.516	10.987	11.058	15.448
TOTAL OBS	930	846	930	899	921	900	930	930	900	930	897	929	10942
MEAN	33.7	36.5	46.1	53.8	62.3	68.9	72.0	70.3	65.4	52.0	43.6	36.7	53.5
S D	12.192	11.445	10.078	8.643	6.726	4.987	3.493	3.730	6.815	9.321	10.952	10.978	16.126
TOTAL OBS	929	846	930	900	924	900	930	928	900	929	896	930	10942
MEAN	37.5	41.0	50.4	58.5	66.2	72.4	75.5	74.4	69.8	58.2	49.2	41.2	57.9
S D	11.793	11.178	9.574	7.786	6.312	4.599	3.242	3.270	5.968	7.905	9.834	10.081	15.553
TOTAL OBS	927	846	930	900	927	900	930	929	899	930	897	930	10945
MEAN	40.4	44.3	52.8	60.4	67.4	73.1	76.2	75.1	71.0	60.5	52.1	44.5	59.9
S D	11.378	10.773	9.071	7.324	5.965	4.546	3.167	3.112	5.568	7.463	9.548	9.799	14.579
TOTAL OBS	930	846	930	900	927	900	930	930	899	930	898	930	10950
MEAN	40.7	45.1	53.1	60.5	67.3	73.0	75.7	74.4	70.6	60.1	51.6	44.4	59.8
S D	11.248	10.524	8.783	7.036	5.704	4.365	3.109	3.076	5.377	7.312	9.482	9.735	14.271
TOTAL OBS	930	845	930	900	924	900	930	929	898	930	897	930	10943
MEAN	37.9	42.2	50.9	58.4	65.7	71.6	74.4	73.1	68.8	56.8	48.0	41.3	57.5
S D	11.017	10.467	9.127	7.268	5.893	4.434	3.114	3.238	5.671	7.778	9.829	10.076	14.928
TOTAL OBS	930	846	930	900	920	900	930	927	900	929	897	927	10936
MEAN	36.2	40.0	48.9	56.0	63.3	69.6	72.7	71.3	66.9	54.2	45.7	39.6	55.4
S D	11.217	10.796	9.648	7.782	6.205	4.601	3.101	3.280	6.070	8.294	10.265	10.719	15.119
TOTAL OBS	930	846	930	900	918	900	930	927	899	930	897	927	10934
MEAN	37.0	40.5	49.4	56.7	64.2	70.4	73.5	72.2	67.8	55.7	47.3	40.4	56.3
S D	11.841	11.397	9.951	8.437	6.827	5.235	3.849	4.024	6.556	9.051	10.709	10.806	15.405
TOTAL OBS	7436	6767	7440	7199	7379	7200	7440	7430	7195	7438	7176	7433	87533
ALL HOURS													

AL CLIMATOLOGY BRANCH
 TAC
 WATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

3 4 COLUMBUS AFB MS

69-70, 73-81

STATION	STATION NAME	YEARS
HR5 LST		
MEAN	JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANNUAL	
10-02 S D	30.5 33.6 43.0 50.8 59.5 66.2 69.7 68.3 64.4 50.4 41.3 33.7 51.0	
TOTAL OBS	13.63012.89211.489 9.383 7.108 5.084 3.420 3.778 6.488 9.76711.55612.376 16.851	
	930 846 930 900 918 900 930 930 900 930 897 930 10941	
MEAN	30.0 32.9 42.3 49.7 58.6 65.3 69.0 67.5 63.4 49.1 40.5 33.0 50.2	
10-05 S D	14.02112.90411.575 9.835 7.315 5.385 3.549 3.883 6.82710.16311.88512.422 16.893	
TOTAL OBS	930 846 930 899 921 900 930 930 900 930 897 929 10942	
MEAN	29.7 32.7 42.5 50.6 60.1 66.8 70.1 68.5 64.0 49.6 40.6 32.8 50.7	
10-08 S D	14.09812.97711.462 9.940 7.386 5.479 3.611 3.881 6.89810.10711.94512.333 17.370	
TOTAL OBS	929 846 930 900 924 900 930 928 900 929 896 930 10942	
MEAN	31.6 34.1 43.7 51.5 61.3 67.8 71.4 70.4 65.9 52.0 42.9 34.6 52.4	
10-11 S D	14.50313.47712.18010.790 7.968 6.043 3.891 3.900 6.81310.22512.17512.531 17.487	
TOTAL OBS	927 846 930 900 927 900 930 929 899 930 897 930 10945	
MEAN	32.0 34.3 43.3 51.1 60.8 67.0 70.6 69.4 65.4 51.3 42.9 34.8 52.0	
10-14 S D	14.49313.57912.28411.016 8.193 6.500 4.100 4.292 6.81210.85812.78313.191 17.333	
TOTAL OBS	930 846 930 900 927 900 930 930 899 930 898 930 10950	
MEAN	31.7 34.3 42.9 50.6 60.4 66.6 70.1 68.6 65.0 51.2 42.6 34.7 51.6	
10-17 S D	14.41413.60512.33211.110 8.056 6.411 4.096 4.620 6.67810.57312.77613.214 17.210	
TOTAL OBS	930 845 930 900 924 900 930 929 898 930 897 930 10943	
MEAN	31.4 34.7 43.6 51.9 61.3 67.5 70.8 69.5 65.9 52.6 42.8 35.0 52.3	
10-20 S D	13.56313.02311.639 9.942 7.335 5.663 3.742 4.174 6.174 9.42811.73812.315 16.976	
TOTAL OBS	930 846 930 900 920 900 930 927 900 929 897 927 10936	
MEAN	30.9 34.4 43.9 52.0 60.9 67.3 70.6 69.1 65.1 51.4 41.8 34.5 51.9	
10-23 S D	13.33012.87311.423 9.222 6.998 5.059 3.393 3.814 6.331 9.29111.62112.448 16.896	
TOTAL OBS	930 846 930 900 918 900 930 927 899 930 897 927 10934	
ALL HOURS	MEAN 31.0 33.9 43.2 51.0 60.4 66.8 70.3 68.9 64.9 51.0 41.9 34.2 51.5	
S D	14.02913.18011.81110.197 7.606 5.774 3.795 4.137 6.68210.11912.10212.629 17.144	
TOTAL OBS	7436 6767 7440 7199 7379 7200 7440 7430 7195 7438 7176 7433 87533	

GLOBAL CLIMATOLOGY BRANCH
JCS/ETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

723336
STATION

COLUMBUS AFB MS
STATION NAME

70,73-81

PERIOD

JAN
MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10°	20°	30°	40°	50°	60°	70°	80°	90°		
JAN	00-02	100.0	100.0	100.0	99.4	95.5	86.1	69.4	43.1	13.2	76.2	930
	03-05	100.0	100.0	100.0	99.6	97.1	89.8	74.3	50.9	16.0	78.3	930
	06-08	100.0	100.0	100.0	99.4	98.3	91.8	75.3	52.9	18.7	79.1	929
	09-11	100.0	100.0	99.7	97.4	86.9	70.6	49.2	33.0	9.8	70.4	927
	12-14	100.0	100.0	96.3	82.8	63.1	44.4	32.5	22.6	6.0	60.2	930
	15-17	100.0	99.9	93.8	77.1	59.4	42.7	30.5	21.3	5.2	58.6	930
	18-20	100.0	100.0	99.7	95.3	84.6	64.0	42.9	26.0	7.8	67.8	930
	21-23	100.0	100.0	100.0	98.4	93.0	78.8	58.6	33.9	10.6	72.9	930
TOTALS		100.0	100.0	98.7	93.7	84.7	71.0	54.1	35.5	10.9	70.4	7436

USAFETACFORM
NIE 44

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATF WEATHER SERVICE/MAC

RELATIVE HUMIDITY

723306
STATION

COLUMBUS AFB MS
STATION NAME

70,73-81
PERIOD

FEB
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	100.0	98.9	94.9	82.7	65.1	40.0	12.6	75.2	846
	03-05	100.0	100.0	100.0	99.8	97.8	89.4	74.8	51.8	17.7	78.8	846
	06-08	100.0	100.0	100.0	100.0	97.9	91.0	75.4	52.5	19.5	79.4	846
	09-11	100.0	100.0	98.8	92.1	76.0	57.2	39.0	22.6	8.0	65.1	846
	12-14	100.0	99.9	87.8	68.1	48.7	36.1	24.2	12.8	3.4	53.8	846
	15-17	100.0	98.5	83.3	59.4	43.1	32.2	22.2	13.0	3.4	51.5	845
	18-20	100.0	100.0	98.0	87.7	69.1	53.7	33.6	20.1	7.6	62.7	846
	21-23	100.0	100.0	99.8	96.9	87.2	73.2	50.9	30.4	11.2	70.8	846
TOTALS		100.0	99.6	96.0	87.9	76.8	64.4	48.2	30.4	10.4	67.2	6767

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

723366
STATION

COLUMBUS AFB MS
STATION NAME

70,73-81

PERIOD

MAR
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAF	00-02	100.0	100.0	100.0	99.2	94.6	84.2	64.3	43.2	16.2	76.0	930
	03-05	100.0	100.0	100.0	99.2	97.5	89.9	75.4	52.7	20.3	79.4	930
	06-08	100.0	100.0	100.0	100.0	97.1	88.2	73.2	49.2	19.4	78.8	930
	09-11	100.0	100.0	98.2	89.6	72.6	55.2	38.0	27.8	8.8	64.2	930
	12-14	100.0	99.9	87.0	66.5	48.5	33.7	22.4	12.9	4.4	53.2	930
	15-17	100.0	99.1	80.6	61.1	42.3	31.9	21.1	11.1	5.3	50.8	930
	18-20	100.0	100.0	97.6	86.5	66.3	48.9	33.2	17.8	7.2	61.5	930
	21-23	100.0	100.0	100.0	98.3	88.4	70.0	49.9	30.3	10.9	70.6	930
TOTALS		100.0	99.9	95.4	87.6	75.9	62.8	47.2	30.0	11.6	66.8	7440

USAFETAC

FORM
JAN 64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
414 WEATHER SERVICE/MAC

RELATIVE HUMIDITY

723326
STATION

COLUMBUS AFB MS

70,73-81

APR
MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	100.0	100.0	98.4	90.4	76.4	53.0	15.7	79.3	900
	03-05	100.0	100.0	100.0	100.0	99.8	94.3	85.1	62.4	25.4	82.6	899
	06-08	100.0	100.0	100.0	99.8	98.0	90.2	75.4	49.4	17.6	78.8	900
	09-11	100.0	100.0	97.7	86.0	65.8	46.1	28.7	15.7	5.3	60.3	900
	12-14	100.0	99.2	87.9	63.4	41.9	26.9	17.0	11.4	3.7	50.8	900
	15-17	100.0	98.6	81.4	58.2	38.0	24.6	16.3	9.9	3.3	48.8	900
	18-20	100.0	99.9	97.8	86.8	70.7	48.8	31.7	18.9	4.6	61.8	900
	21-23	100.0	100.0	100.0	99.3	95.6	83.4	59.3	33.0	8.9	73.8	900
TOTALS		100.0	99.7	95.6	86.7	76.0	63.1	48.7	31.7	10.6	67.0	7199

GLOBAL CLIMATOLOGY BRANCH
CLAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

725306
STATION

COLUMBUS AFB MS

70,73-81

MAY

STATION

STATION NAME

PERIOD

MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	100.0	100.0	100.0	97.8	92.5	73.6	27.6	85.1	918
	03-05	100.0	100.0	100.0	100.0	100.0	99.7	97.1	84.0	37.1	88.1	921
	06-08	100.0	100.0	100.0	100.0	99.6	96.4	86.8	64.1	20.5	82.7	924
	09-11	100.0	100.0	99.9	95.9	83.9	60.5	38.9	17.8	4.2	65.6	927
	12-14	100.0	100.0	97.8	83.7	61.2	35.3	20.7	10.7	2.7	56.7	927
	15-17	100.0	100.0	98.1	79.9	55.5	32.5	21.8	11.9	2.8	55.8	924
	18-20	100.0	100.0	100.0	96.5	87.6	67.9	46.3	24.6	6.3	68.6	920
	21-23	100.0	100.0	100.0	100.0	99.7	95.6	84.0	57.4	14.5	80.9	918
TOTALS		100.0	100.0	99.5	94.5	85.9	73.2	61.0	43.0	14.5	72.9	7379

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

RELATIVE HUMIDITY

723306
STATION

COLUMBUS AFB MS
STATION NAME

70,73-81
PERIOD

JUN
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	100.0	100.0	100.0	99.1	96.3	78.0	21.9	85.3	900
	03-05	100.0	100.0	100.0	100.0	100.0	99.9	97.9	87.8	31.2	87.9	900
	06-08	100.0	100.0	100.0	99.9	99.7	96.9	87.7	61.2	13.7	81.5	900
	09-11	100.0	100.0	100.0	97.7	86.2	62.1	32.0	11.6	1.6	64.7	900
	12-14	100.0	100.0	99.0	87.2	63.0	32.2	13.9	5.7	.7	55.7	900
	15-17	100.0	100.0	98.2	84.9	59.8	31.1	15.3	5.1	1.1	54.9	900
	18-20	100.0	100.0	99.8	97.7	87.3	68.1	41.3	19.6	3.2	67.4	900
	21-23	100.0	100.0	100.0	100.0	99.8	97.1	87.0	53.3	11.0	80.3	900
TOTALS		100.0	100.0	99.6	95.9	87.0	73.3	58.9	40.3	10.6	72.2	7200

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

723306
STATION

COLUMBUS AFB MS
STATION NAME

70,73-81

PERIOD

JUL
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	100.0	100.0	100.0	99.7	97.3	81.5	19.6	85.5	930
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	98.9	92.8	31.6	88.1	930
	06-08	100.0	100.0	100.0	100.0	99.9	98.2	90.2	63.3	13.8	82.2	930
	09-11	100.0	100.0	100.0	99.2	89.5	63.8	31.6	11.0	1.8	65.2	930
	12-14	100.0	100.0	99.7	91.4	59.0	29.5	13.8	6.5	1.2	55.8	930
	15-17	100.0	100.0	99.1	90.4	58.7	33.7	19.1	9.1	1.1	56.8	930
	18-20	100.0	100.0	100.0	98.7	90.4	73.8	47.5	22.6	3.7	69.3	930
	21-23	100.0	100.0	100.0	100.0	99.9	97.6	89.1	53.1	9.9	80.6	930
TOTALS		100.0	100.0	99.9	97.5	87.2	74.5	60.9	42.5	10.3	72.9	7440

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

RELATIVE HUMIDITY

AUG
MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	100.0	100.0	100.0	99.4	97.0	76.6	19.9	85.2	930
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	99.7	88.0	26.5	87.5	930
	06-08	100.0	100.0	100.0	100.0	100.0	99.5	93.6	69.1	16.3	83.5	928
	09-11	100.0	100.0	100.0	99.9	93.4	68.7	34.1	11.1	1.2	66.3	929
	12-14	100.0	100.0	99.9	92.5	64.2	32.0	13.7	5.7	.8	56.3	930
	15-17	100.0	100.0	99.5	88.4	60.3	32.7	18.8	9.8	1.6	56.6	929
	18-20	100.0	100.0	100.0	98.7	90.7	72.9	49.8	24.5	4.6	69.9	927
	21-23	100.0	100.0	100.0	100.0	99.8	97.4	86.3	56.6	12.1	80.8	927
TOTALS		100.0	100.0	99.9	97.4	88.6	75.3	61.6	42.7	10.4	73.3	7430

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

723306

COLUMBUS AFB MS

69-70,73-80

SEP

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	100.0	100.0	100.0	99.9	97.7	88.4	40.6	88.7	900
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	99.3	93.9	51.6	90.6	900
	06-08	100.0	100.0	100.0	100.0	100.0	99.2	96.7	83.0	33.8	87.4	900
	09-11	100.0	100.0	100.0	98.3	91.0	74.0	47.8	24.2	3.9	69.6	899
	12-14	100.0	100.0	99.0	90.8	69.2	42.9	22.7	10.3	3.0	59.3	899
	15-17	100.0	100.0	99.0	89.1	66.8	41.9	25.3	14.8	3.7	59.9	898
	18-20	100.0	100.0	100.0	99.0	96.3	87.6	71.8	43.8	10.7	76.3	900
	21-23	100.0	100.0	100.0	100.0	99.7	98.0	91.9	76.6	22.4	84.9	899
TOTALS		100.0	100.0	99.8	97.2	90.4	80.4	69.2	54.4	21.2	77.1	7195

USAFETAC

FORM
JAN 64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/HAC

RELATIVE HUMIDITY

723306
STATION

COLUMBUS AFB MS
STATION NAME

69-70,73-80
PERIOD

OCT
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	100.0	100.0	100.0	99.7	98.6	91.7	70.2	22.5	84.2	930
	03-05	100.0	100.0	100.0	100.0	99.9	99.5	96.2	78.2	29.2	86.0	930
	06-08	100.0	100.0	100.0	100.0	100.0	98.3	90.1	66.8	20.6	83.5	929
	09-11	100.0	100.0	99.2	91.9	74.8	51.9	30.5	16.3	3.9	62.5	930
	12-14	100.0	99.2	91.0	66.9	40.9	22.9	15.5	7.7	1.7	50.4	930
	15-17	100.0	99.7	91.3	69.5	43.9	27.8	17.4	8.8	2.3	51.6	930
	18-20	100.0	100.0	100.0	98.7	94.9	81.9	55.8	26.3	5.3	72.1	929
	21-23	100.0	100.0	100.0	100.0	99.6	95.8	82.9	52.6	13.0	80.3	930
TOTALS		100.0	99.9	97.7	90.9	81.7	72.1	60.0	40.9	12.3	71.3	7438

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

7233.6
STATION

COLUMBUS AFB MS

69-70, 73-80

NOV
MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10°	20°	30°	40°	50°	60°	70°	80°	90°		
N O V	00-02	100.0	100.0	100.0	100.0	98.3	94.3	82.4	55.2	15.3	80.3	897
	03-05	100.0	100.0	100.0	100.0	98.7	96.3	89.6	67.1	19.4	82.6	897
	06-08	100.0	100.0	100.0	99.8	98.5	95.9	86.3	61.3	16.0	81.5	896
	09-11	100.0	100.0	99.1	92.1	78.6	59.9	39.1	20.1	5.4	65.2	897
	12-14	100.0	100.0	89.9	72.4	51.4	32.7	19.6	12.1	2.4	53.8	898
	15-17	100.0	99.9	90.5	73.8	52.3	35.7	22.0	13.0	3.5	54.8	897
	18-20	100.0	100.0	99.9	98.1	91.5	75.3	48.7	24.1	6.4	70.2	897
	21-23	100.0	100.0	100.0	99.8	96.8	89.2	70.3	41.0	11.1	76.4	897
TOTALS		100.0	100.0	97.4	92.0	83.3	72.4	57.3	36.7	9.9	70.6	7176

2
SEAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

RELATIVE HUMIDITY

72-334
STATION

COLUMBUS AFB MS
STATION NAME

69-70, 73-80
PERIOD

DEC
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	100.0	100.0	99.8	96.0	87.4	69.4	39.5	7.4	75.6	930
	03-05	100.0	100.0	100.0	99.2	97.7	92.5	76.9	49.3	9.3	77.9	929
	06-08	100.0	100.0	100.0	99.5	97.8	92.3	79.2	49.4	10.9	78.4	930
	09-11	100.0	99.9	99.5	94.1	81.1	63.2	40.8	20.8	5.4	66.2	930
	12-14	100.0	99.7	90.8	73.5	53.5	34.8	22.8	10.8	3.2	54.7	930
	15-17	100.0	99.5	90.3	72.5	54.3	36.5	23.1	11.1	2.4	54.9	930
	18-20	100.0	100.0	99.9	97.5	84.6	64.5	41.0	19.8	4.9	67.0	927
	21-23	100.0	100.0	100.0	99.6	94.6	80.4	56.9	32.0	6.6	72.7	927
TOTALS		100.0	99.9	97.6	92.0	82.5	69.0	51.3	29.1	6.3	68.4	7433

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

723306
STATION

COLUMBUS AFB MS
STATION NAME

69-70,73-81
PERIOD

ALL
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	98.7	93.7	84.7	71.0	54.1	35.5	10.9	70.4	7436
FEB		100.0	99.8	96.0	87.9	76.8	64.4	48.2	30.4	10.4	67.2	6767
MAR		100.0	99.9	95.4	87.6	75.9	62.8	47.2	30.0	11.6	66.8	7440
APR		100.0	99.7	95.6	86.7	76.0	63.1	48.7	31.7	10.6	67.0	7199
MAY		100.0	100.0	99.5	94.5	85.9	73.2	61.0	43.0	14.5	72.9	7379
JUN		100.0	100.0	99.6	95.9	87.0	73.3	58.9	40.3	10.6	72.2	7200
JUL		100.0	100.0	99.9	97.5	87.2	74.5	60.9	42.5	10.3	72.9	7440
AUG		100.0	100.0	99.9	97.4	88.6	75.3	61.6	42.7	10.4	73.3	7430
SEP		100.0	100.0	99.8	97.2	90.4	80.4	69.2	54.4	21.2	77.1	7195
OCT		100.0	99.9	97.7	90.9	81.7	72.1	60.0	40.9	12.3	71.3	7438
NOV		100.0	100.0	97.4	92.0	83.3	72.4	57.3	36.7	9.9	70.6	7176
DEC		100.0	99.9	97.6	92.0	82.5	69.0	51.3	29.1	6.3	68.4	7433
TOTALS		100.0	99.9	98.1	92.8	83.3	71.0	56.5	38.1	11.6	70.8	87533

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F

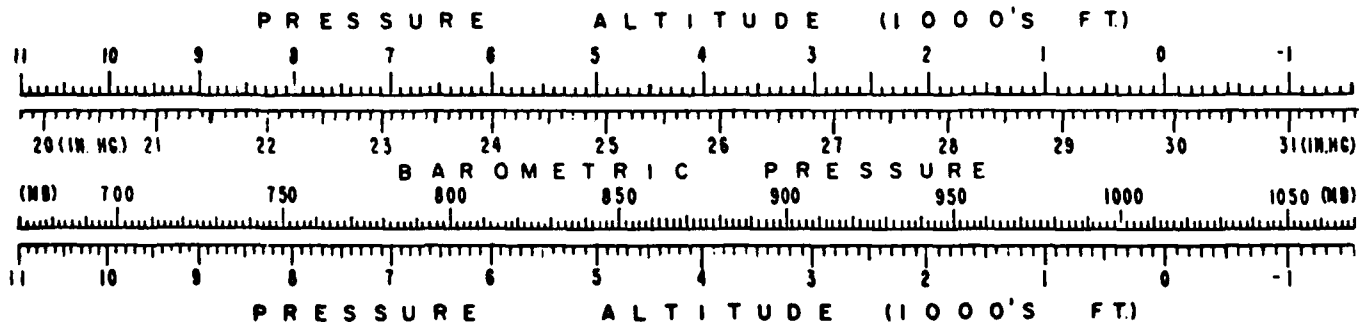
PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



2

AL CLIMATOLOGY BRANCH
 TAC
 WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

721306 COLUMBUS AFB MS

69-70,73-81

STATION

STATION NAME

YEARS

HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
MEAN	29.901	29.877	29.759	29.774	29.716	29.750	29.764	29.778	29.771	29.831	29.868	29.876	29.805
S D	.205	.206	.183	.158	.119	.092	.077	.076	.096	.132	.157	.197	.160
TOTAL OBS	310	282	310	300	305	300	310	310	300	310	300	310	3647
MEAN	29.900	29.870	29.750	29.765	29.708	29.743	29.756	29.770	29.763	29.827	29.866	29.874	29.799
S D	.207	.205	.186	.159	.121	.092	.076	.077	.098	.135	.160	.199	.162
TOTAL OBS	310	282	310	300	307	300	310	310	300	310	300	310	3649
MEAN	29.908	29.890	29.777	29.798	29.741	29.778	29.789	29.802	29.791	29.854	29.883	29.884	29.824
S D	.211	.207	.187	.164	.127	.095	.081	.079	.103	.138	.162	.202	.162
TOTAL OBS	310	282	310	300	307	300	310	310	300	310	300	310	3649
MEAN	29.949	29.927	29.813	29.825	29.759	29.796	29.809	29.824	29.816	29.886	29.918	29.923	29.853
S D	.219	.210	.190	.169	.131	.096	.081	.079	.108	.140	.164	.202	.167
TOTAL OBS	309	282	310	300	309	300	310	310	300	310	300	310	3650
MEAN	29.917	29.905	29.790	29.801	29.739	29.780	29.789	29.799	29.789	29.849	29.880	29.885	29.827
S D	.219	.205	.187	.165	.128	.094	.079	.078	.109	.136	.163	.199	.164
TOTAL OBS	310	282	310	300	309	300	310	310	300	310	300	310	3651
MEAN	29.873	29.846	29.733	29.750	29.695	29.734	29.739	29.748	29.738	29.800	29.836	29.845	29.778
S D	.215	.202	.181	.162	.123	.093	.078	.076	.100	.132	.160	.192	.160
TOTAL OBS	310	281	310	300	309	300	310	310	300	310	300	310	3650
MEAN	29.887	29.850	29.731	29.740	29.683	29.720	29.731	29.743	29.741	29.811	29.849	29.859	29.779
S D	.211	.201	.179	.159	.117	.091	.079	.074	.095	.127	.160	.188	.161
TOTAL OBS	310	282	310	300	307	300	310	309	300	310	300	309	3647
MEAN	29.907	29.872	29.755	29.771	29.715	29.749	29.764	29.780	29.774	29.838	29.870	29.876	29.806
S D	.209	.206	.181	.158	.117	.091	.079	.073	.097	.129	.161	.192	.160
TOTAL OBS	310	282	310	300	306	300	310	309	300	310	300	309	3646
MEAN	29.905	29.880	29.763	29.778	29.719	29.756	29.768	29.781	29.773	29.837	29.871	29.878	29.809
S D	.213	.206	.186	.164	.125	.096	.082	.081	.104	.136	.162	.197	.164
TOTAL OBS	2479	2255	2480	2400	2459	2400	2480	2478	2400	2480	2400	2478	29189

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

STATION 3.6 COLUMBUS AFB MS

69-70, 73-81

STATION		STATION NAME												YEARS											
HRS 1ST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL											
0	MEAN	1021.21	020.31	016.21	016.61	014.51	015.61	016.11	016.61	016.41	018.51	019.81	020.2	1017.7											
	S D	7.092	7.097	6.254	5.387	4.011	3.132	2.603	2.648	3.271	4.553	5.416	6.787	5.531											
	TOTAL OBS	310	282	310	300	305	300	310	310	300	310	300	310	3647											
.	MEAN	1021.21	020.11	015.91	016.31	014.21	015.41	015.91	016.31	016.11	018.41	019.81	020.1	1017.5											
	S D	7.137	7.044	6.349	5.427	4.095	3.162	2.586	2.671	3.342	4.664	5.517	6.868	5.608											
	TOTAL OBS	310	282	310	299	307	300	310	310	300	310	300	310	3648											
6	MEAN	1021.41	020.71	016.81	017.41	015.41	016.61	017.01	017.41	017.11	019.31	020.41	020.5	1018.3											
	S D	7.294	7.146	6.420	5.645	4.292	3.241	2.731	2.726	3.522	4.785	5.599	6.963	5.618											
	TOTAL OBS	310	282	310	300	307	300	310	310	300	310	300	310	3649											
14	MEAN	1022.51	022.01	018.01	018.41	016.01	017.21	017.71	018.21	017.91	020.41	021.61	021.9	1019.3											
	S D	7.568	7.213	6.505	5.777	4.447	3.273	2.752	2.768	3.669	4.851	5.722	6.959	5.793											
	TOTAL OBS	309	282	310	300	309	300	310	310	300	310	300	310	3650											
12	MEAN	1021.71	021.21	017.21	017.51	015.31	016.71	017.01	017.31	017.01	019.11	020.31	020.5	1018.4											
	S D	7.553	7.049	6.413	5.640	4.325	3.193	2.695	2.705	3.726	4.716	5.605	6.874	5.651											
	TOTAL OBS	310	282	310	300	309	300	310	310	300	310	300	310	3651											
15	MEAN	1020.31	019.21	015.31	015.81	013.81	015.11	015.31	015.51	015.21	017.51	018.81	019.1	1016.7											
	S D	7.398	6.935	6.174	5.542	4.155	3.155	2.664	2.614	3.433	4.562	5.511	6.606	5.526											
	TOTAL OBS	310	281	310	300	309	300	309	310	300	310	299	310	3648											
18	MEAN	1020.71	019.41	015.21	015.51	013.41	014.61	015.01	015.41	015.41	017.81	019.21	019.7	1016.8											
	S D	7.276	6.954	6.120	5.435	3.946	3.081	2.684	2.579	3.278	4.414	5.501	6.492	5.572											
	TOTAL OBS	310	282	310	300	307	300	310	309	300	310	300	309	3647											
1	MEAN	1021.41	020.11	016.01	016.51	014.51	015.61	016.11	016.71	016.51	018.81	019.91	020.2	1017.7											
	S D	7.222	7.051	6.174	5.397	3.957	3.090	2.697	2.550	3.309	4.470	5.535	6.617	5.530											
	TOTAL OBS	310	282	310	300	306	300	310	309	300	310	300	309	3646											
ALL HOURS	MEAN	1021.31	020.41	016.31	016.71	014.71	015.91	016.21	016.71	016.41	018.71	020.01	020.3	1017.8											
	S D	7.343	7.105	6.358	5.599	4.232	3.267	2.803	2.798	3.543	4.702	5.598	6.803	5.663											
	TOTAL OBS	2479	2255	2480	2399	2459	2400	2479	2478	2400	2480	2399	2478	29186											

USAFETAC FORM 0-89-5 (OLI)

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DATE
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